



सत्यमेव जयते
भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति



Eastern Regional Power Committee
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सं /NO. ERPC/EE/OPERATION/2025/1589

दिनांक / DATE: 03.12.2025

सेवा में /To,

संलग्न सूची के अनुसार /As per list enclosed.

विषय : 21 नवंबर, 2025 (शुक्रवार) को ईआरपीसी सचिवालय, कोलकाता में आयोजित 233वीं ओसीसी बैठक का कार्यवृत्त-संबंध में।

Subject: Minutes of 233rd OCC Meeting held on 21.11.2025 (Friday) at ERPC Secretariat, Kolkata-regd.

महोदय महोदया,
Sir(s)/Madam,

कृपया अपनी जानकारी और आवश्यक कार्रवाई के लिए 21 नवंबर, 2025 (शुक्रवार) ईआरपीसी सचिवालय, कोलकाता में 10:30 बजे आयोजित 233वीं ओसीसी बैठक का कार्यवृत्त आयोजित बैठक के संलग्न कार्यवृत्त देखें। यह ईआरपीसी वेबसाइट (www.erpc.gov.in) पर भी उपलब्ध है।

Please find enclosed Minutes of 233rd OCC Meeting held on 21.11.2025 (Friday) Office at ERPC Secretariat, Kolkata at 10:30hrs for your kind information and necessary action. The same is also available at ERPC website (www.erpc.gov.in).

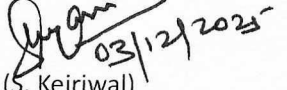
टिप्पणियाँ, यदि कोई हों, कृपया यथाशीघ्र इस कार्यालय को अग्रेषित करें।

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


(S. Kejriwal)

SE(ERPC)

एस.ई (ईआरपीसी)

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Chief Engineer, OPM, CEA	Chief Engineer, NPC, CEA	ASSISTANT SECRETARY,ERPC
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ERPC:: Kolkata

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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)
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सीसी:

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ईआरपीसी:: कोलकाता



Eastern Regional Power Committee

233rd OCC MEETING

Venue: ERPC Secretariat, Kolkata

Date: 21.11.2025

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EASTERN REGIONAL POWER COMMITTEE

MINUTES OF 233rd OCC MEETING HELD ON 21.11.2025 (FRIDAY) AT 10:30 HRS

Member Secretary, ERPC welcomed all OCC members and other participants to the 233rd OCC Meeting.

- At the outset, he emphasized the significance of comprehensive planning of maintenance of transmission assets well in advance to facilitate timely mobilization of man & material as well as preparedness on part of all stakeholders. In this regard, he urged for close monitoring on the progress of reconductoring works of **400 kV Farakka-Kahalgaon** and **400 kV Talcher-Meramandali** lines for strictly adhering to the completion timeline and thereby strengthening ISTS network in ER.
- He, thereafter, outlined the performance of ER grid during **October 2025** based on the following points:
 - ❖ In **October-2025**, Energy consumption of ER was **17387 MU** which is **0.4 % less** than **October -2024**.
 - ❖ In **October -2025**, Peak demand met of ER was **28231 MW** which is **5.4 % less** than **October -2024**.
 - ❖ Thermal PLF of ER during **October -2025** was **72.6 %** w.r.t All India PLF of **61.8%**.
 - ❖ Generating stations whose PLF was more than **90%** during **October -2025**:

Utility	Generating station	PLF(%)
WBPDC	BAKRESWAR TPS	92
IPP	HALDIA TPP(HEL)	99

- ❖ During **October-2025**, **78.7%** of the time, the ER grid frequency was in IEGC Band (49.90Hz-50.05Hz).

Coal stock position (As on 15.11.2025) is as follows:

SL.	Name of States/Power Stns.	% of Actual Stock vis-à-vis Normative Stock
1.	Jharkhand (TVNL)	22%
2.	Odisha/IBTPS	115%
3.	WBPDC	54% (Min. Bakreswar TPS -24 %, Max. Bandel TPS -132%)
4.	D.P.L. TPS	34%
5.	DVC	69%(Min.Mejia TPS-52%, Max Raghunathpur TPS `A-90%)
6.	NTPC	88% (Max. Darlipalli TPP -147% , Min. Barh STPS - 51%)

Transmission line (220 kV & above) commissioned during October -2025:

400KV-JSPL-ACPP II-1(ckt-1 &2) commissioned on **25.10.2025** by Jindal steel Limited.

He further highlighted the following:

- ✓ *COD of **Patratu Unit-I** has been completed successfully on **5th October 2025**. This is expected to ease out reliable power availability for the state of Jharkhand.*
- ✓ *COD of **Buxar TPP Unit-I** has been completed successfully on **14th October 2025**. SLDC Bihar was requested to closely monitor the progress of Buxar TPP Unit-2 so that the same may be declared for Commercial operation prior to the onset of Summer 2026.*

At the outset, ED, ERLDC welcomed all participants to the 233rd OCC Meeting and highlighted the following points:

With respect to power demand and grid operation, both the Eastern Region (ER) and the National Grid are currently in a comfortable operating position due to low demand in winter. Only a few instances of under-frequency due to reserve issues were observed.

- *He emphasized that now is the ideal time to prepare for the upcoming summer season. Certain pre-emptive measures, such as the implementation of UVLS schemes in West Bengal and strengthening works in Odisha may be completed to handle potential contingencies and to ensure system stability during peak summer conditions.*
- *He informed the forum that Winter Preparedness Meeting has also been conducted, and constituents are sensitized to address challenges in winter months. He also intimated that a workshop on POC and derivative market were conducted by ERLDC.*
- *He called for fruitful discussions on preparations for winter as well as summer months.*

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

1. PART-A: CONFIRMATION OF MINUTES

1.1. Confirmation of Minutes of 232nd OCC Meeting held physically at ERPC Secretariat on 24th October 2025

The minutes of 232nd Operation Coordination Sub-Committee meeting held on 24.10.2025 was circulated vide letter dated 11.11.2025.

Members may confirm the minutes of 232nd OCC meeting.

OCC Decision

Based on the observations received from ERLDC, following amendments in the minutes of 232nd OCC Meeting were approved:

Agenda No. B.2.17: "Key Directions from CERC Order dated 05.10.2025 in Suo Motu Petition No. 9/SM/2024"

ERLDC made a detailed presentation on the key provisions and implementation aspects of the CERC Suo Motu Order No. 9/SM/2024 dated 05.10.2025 regarding planning for safe, secure, and reliable operation of the power system during critical demand periods.

- *They further highlighted the important aspects such as adequacy of manpower at SLDCs, operational flexibility of thermal units up to 55% MTL, implementation of intra state AGC, enhancement of forecasting capabilities, maintenance of reserves, cyber security preparedness, and framing of regulations on incentives for certified SLDC personnel.*
- *Apart from the above, scheduling-related provisions of the order including those pertaining to Unit Shut Down (USD), Off Bar/On Bar DC, timelines for USD declaration and off bar DC declaration, Revival from USD, and commitment/de-commitment of units by NLDC were also discussed.*
- *Further case study of USD of Farakka Stage 1&2 on 20th Oct 2025 was also discussed for understanding of all other generating stations and all state beneficiaries of ER. ERLDC also informed the forum that provisions pertaining to the order have been implemented in WBES w.e.f 13th Oct 2025."*

These modifications shall form part and parcel of MOM of 232nd OCC circulated vide letter dated 11.11.2025. Other members confirmed the minutes of 232nd OCC meeting.

2. PART-B: ITEMS FOR DISCUSSION

2.1 Commissioning of New ACPP-II Plant (Earlier Monnet Ispat & Energy Limited (MIEL)-Requirement of SPSs

ACPP II is the Angul Captive Power Plant II, a 1050 MW (2 x 525 MW) power plant being set up by Jindal Steel & Power (JSPL) at its Angul, Odisha facility. It is a significant part of JSPL's (Connected with 400KV Meramundali via Double Circuit) capital expenditure plan to expand its power generation capabilities and support its steel plant operations. 400KV Network Connectivity of ACPP II is shown in the Fig. 1 below.

ACPP II Plant was first time charged on 25th October 2025. Subsequently, first unit of 525 MW of ACPP II was charged on 3rd November 2025 and started generating in the tune of 150-200MW.

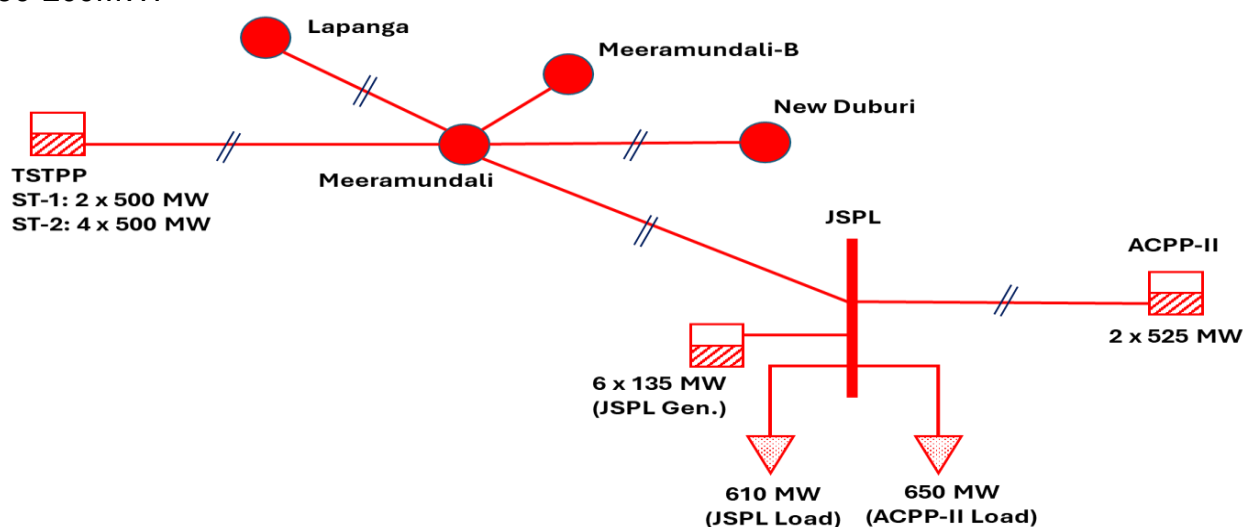


Figure 2-1: Network around JSPL/ACPP-II

As confirmed by JSPL team during recent meeting, currently, JSPL has load of 610MW and further, load of 650 MW will be progressively added by June/July 2026 totalling load requirement of around 1260MW.

As evident from the above Fig. 1-1 that JSPL is connected with 400KV Meramundali SS which in turn is further connected with NTPC Kaniha and Lapanga via 400KV D/C. 400/200KV Meramundali being an important SS of Odisha system catering to majority of load of state capital, Bhubaneswar. Power supply reliability and voltage stability in Bhubaneswar area are already in a critical stage due to heavy loading of 400kV Talcher–Meramundali D/C during summer season due to concentrated demand in this area. This matter has already been deliberated in several forums and a committee has been constituted to formulate action plan before next peak demand period of Summer.

As the generation and additional load are being commissioned together, it is gathered that in normal condition, the entire JSPL/ACPP II complex will have excess generation which would help the Odisha system. However, with increased drawl by JSPL, especially during sudden forced outages of ACPP units (2x525MW), the situation will be aggravated as the drawl from Meramundali via JSPL will significantly increase. This will result in overburdening the loading of two infeed corridor of Meramundali such as 400KV Talcher–Meramundali and 400KV

Lapanga- Meramundali D/C which may lead to cascaded tripping and may endanger power supply to capital region of Odisha.

To address these issues, one online meeting was conducted by ERLDC on dated 11.11.2025 where representatives ERPC, SLDC Odisha & JSPL including ACPP-II were present.

Following points were discussed:

- It is deliberate that **2 nos of SPS** will be required for both Drawl and Injection cases before commissioning of any further load or generation at ACPP II JSPL Complex.

For Drawl restriction one SPS to be implemented at JSPL end and another SPS for restriction of generation at ACPP.

- One SPS to restrict JSPL's drawl from the Meramundali and prevent overloading of the Talcher–Meramundali lines by load reduction at JSPL. The scheme includes two-stage load shedding (50% in 30 seconds and the balance after another 30 seconds if 400 kv Talcher -Meramundali line loading remains above thermal limits) to maintain corridor security. SPS scheme need to be implemented before connecting new loads/generations in JSPL.
- While it was also discussed that 400 kV Double Circuit Twin moose line (Capacity 874MVA) from JSPL (existing) to ACPP-II (new) will remain N-1 non-compliant from the planning stage itself while evacuating full generation of 2 × 525 MW at ACPP II and without any defense mechanism this may lead to tripping of both Units of ACPP. Under such cases, JSPL drawl will be shifted to the Grid (Meramundali) posing reliability threat to Odisha System. Hence generation runback scheme to be implemented at ACPP II so that under N-1 generation does not exceed the thermal rating of line.
- Existing fault level at 400/220 kV Meramundali substation is about 30 kA. With the addition of upcoming NTPC Talcher Stage-III (2 × 660 MW) generation and the proposed 2 × 525 MW at ACPP II, the fault level is expected to approach 40 kA. Hence, necessary network reconfiguration measures may be planned accordingly.

SLDC Odisha may update. Member may discuss.

Deliberations in the meeting

ERLDC gave a brief presentation on the need of implementation of 2 nos of SPS at JSPL for the following conditions

- ***To restrict JSPL's drawl from the Meramundali and prevent overloading of the Talcher–Meramundali/C lines by load reduction at JSPL.***

The scheme includes two-stage load shedding (50% in 30 seconds and the balance after another 30 seconds if 400kv Talcher -Meramundali line loading remains above thermal limits (700MW for each circuit) and if JSPL drawal from the grid exceeds 200MW), a SPS scheme needs to be implemented for ensuring Grid security before connecting new loads/generations in JSPL.

- **Generation runback of ACPP-II** : This scheme needs to be implemented at ACPP II to limit the loading of the 400 kV Double Circuit Twin moose line (Capacity 874MVA) from JSPL (existing) to ACPP-II (new) so that under N-1, generation does not exceed the thermal rating of line.
- The Representative of JSPL consented to the proposed SPS schemes. However, he highlighted the need of real time power flow data of 400kv Talcher-Meramundali D/C for the timely action at their end in case of loading of the said line exceeds the thermal limit due to drawl by JSPL during any outage of their units at ACPP-II.
- JSPL representative also submitted that one unit of ACPP-II is currently generating around 200MW and it is also expected that generation from second unit shall start tentatively from December 2025.
- SLDC, Odisha submitted that SPS shall be implemented prior to synchronization of Unit#2 of ACPP-II for ensuring Grid security.

OCC Decision

OCC acknowledged the operational requirement of implementation proposed SPS scheme as a second line of defence for maintaining the Grid stability during any contingencies at JSPL end.

❖ OCC advised ERPC secretariat to conduct a physical meeting involving stakeholders from JSPL, ERLDC, OPTCL/SlDC, Odisha and ERPC for finalization of SPS schemes.

2.2 Reconductoring of 400KV Talcher-Meramundali and 400KV Farakka-Kahalgaon D/C

400kV Farakka-Kahalgaon D/C and 400kV Talcher-Meramundali 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 needs 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. The Outcome of the Meetings would be updated in the coming OCC to be held on 21st Nov 2025.

ERLDC may update. Members may discuss.

Deliberations in the meeting

a) 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.

❖ POWERGRID 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.

OCC Decision

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

b) 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, POWERGRID, ERLDC & ERPC. The MoM of the meeting is attached in **Annexure B.2.2.b**.

➤ POWERGRID 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'25.

➤ PG ER1 also informed that **outage 400KV Farakka-Kahalgaon#1 required for 2 months starting 1st week of Dec'25 and Circuit#2 outage required for 2 months after completion of Circuit#1.**

OCC Decision

OCC advised POWERGRID to strictly adhere to the said timeline and complete the reconductoring of at least one circuit before February 2026 with simultaneous upgradation of bay equipment at both ends in coordination with NTPC.

2.3 Shutdown proposal of generating units from the month of January to March 2026: ERPC

Maintenance Schedule of Thermal Generating Units of ER during 2025-26

System	Station	Unit	Capacity (MW)	LGBR Approved		No. of Days	Revised proposed		Reason
				From	To		From	To	
NTPC	NABINAG AR STPP	2	660	5-Jan-26	18-Feb-26	42	Not required.		AOH
	FARAKKA STPS	6	500	15-Jan-26	18-Feb-26	35	01.01.2026	04.02.2026	AOH
DVC	MEJIA TPS	8	500	11-Jan-26	4-Feb-26	25			BOH
	KODARMA TPP	2	500	11-Feb-26	17-Mar-26	35			COH
	BANDEL TPS	5	210	3-Feb-26	9-Mar-26	35			BTG OH

WBPDCCL	KOLAGHA T TPS	4	210			35	05.01 .2026	11.01. 2026	ESP R&M
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Members may discuss/update.

OCC Decision

OCC approved the shutdowns as attached in Annexure B.2.3.

2.4 Shutdown Program of Hydro power plants

a) Tashiding HEP-Unit 2

Tashiding HEP-Unit 2 will be undergoing shutdown from 15-12-2025 to 31-01-2026 (46 days) for Annual maintenance, major overhauling, and repair activities.

Tashiding may update. Members may discuss.

OCC Decision

OCC consented to the proposal of Tashiding for Annual maintenance, major overhauling, and repair activities of Unit#2 from 15-12-2025 to 31-01-2026 for a period of 46 days.

b) Rangit Hydro Power station

Rangit Power Station is planning to undertake the replacement of MIV seals in all units, replacement of the dewatering valve of Unit #3 and inspection of penstock valves in all units, as part of the mandatory maintenance activities. For the safe and complete execution of these works, the Power Station will require a total shutdown of all units for a minimum of four days, from 25.12.2025 to 28.12.2025. During this period, there will be no generation from Rangit Power Station.

NHPC may update.

OCC Decision

OCC consented to the proposal of Rangit for replacement of MIV seals in all units.

c) Annual maintenance of CHUZACHEN HEP(2*55MW)

presently river inflow is in downward trend and as per prevailing trend, water discharge will suffice to hardly for one machine from the month of Dec-25. Further, river discharge will be in the minimum range from end of Jan-26 to end of Feb-26 and consequent to this, generation will also be on minimum side during this period.

Based on the above-mentioned scenario, Chuzachen HEP has planned to carry out the annual maintenance of generating units (as recommended by manufacturers) and associated equipment/facilities-132 KV outdoor Switchyard and Dams equipment etc.

Chuzachen may update. Members may discuss.

OCC Decision

OCC agreed with proposal of Chuzachen for carrying out maintenance of CHUZACHEN as per said timeline.

2.5 Concern Regarding the AMC Proposal Submitted by M/s Chemtrols for SCADA System Post-ULDC-II: WBSLDC

The SCADA AMC for the period 2015–2025 was awarded to M/s Chemtrols by Power Grid Corporation of India Ltd. (POWERGRID) on behalf of all Eastern Region constituents. Under the terms of this contract, the actual payment that SLDC made for one year AMC period (July 23 to July 2024) is Rs. 35.33 Lakh (highest amount paid for 1 year so far) including GST and price variation adjusted with consumer price index.

Upon the expiry of the existing AMC, M/s Chemtrols has submitted a proposal for continuation of the AMC for one additional year (until the commissioning of ULDC-III) at ₹1.32 crore, which has subsequently been negotiated by POWERGRID to ₹1.20 crore. This revised figure represents an escalation of nearly 300% over the prevailing combined annual cost (AMC + price variation). Such a steep increase is not commensurate with inflation levels, established price-indexation practices, or any other rational cost-justification mechanism.

SLDC, West Bengal wishes to formally record its strong objection to this disproportionately high quoted value. The absence of competitive alternatives—arising from M/s Chemtrols prior assignment as the ULDC-II vendor—appears to place constituents in a position where acceptance of an excessive, non-competitive rate becomes unavoidable. This not only poses a significant financial burden on the beneficiaries but also raises the possibility of future audit observations.

It is further requested that the representative from POWERGRID deliberate on the matter and initiate appropriate action to ensure that a fair, transparent, and financially prudent resolution is reached prior to finalizing the AMC extension.

WBSLDC may update. Members may discuss.

Deliberations in the meeting

WBSLDC reported that the existing AMC for the SCADA System maintaining by System Integrator i.e. M/s Chemtrols Industries Pvt. Ltd, expired in Oct' 2025. For the renewal of the AMC for one additional year (until the commissioning of ULDC-III), M/s Chemtrols has quoted a new price of ₹1.20 crore. This quoted price is a 300% escalation over the prevailing combined annual cost (AMC + price variation).

- ERLDC reiterated the background of this AMC extension, noting that it had been discussed in the 230th OCC meeting held on 22.08.2025, Bhubaneswar and subsequently in the 231st OCC meeting held on 22.09.2025 at the ERPC, Kolkata.
- Subsequently, in compliance to the direction of OCC, PowerGrid organized a special meeting held on 30.10.2025 at the POWERGRID, ER-II office in Kolkata to finalize the modalities, terms & conditions & cost. In this meeting, M/s. Chemtrols was advised to submit a fresh offer to each constituent in line with the recently awarded AMC of ERLDC, while also factoring in the specific facts, end of life of assets, scope, and requirements of each constituent.
- It was also deliberated that the unified negotiation approach was taken at the request of SLDC Bihar in the 230th OCC meeting to enable them to facilitate further approval processes at their respective organizations.
- ERLDC also updated that it will take another one year for implementation as well as integration of New SCADA system in ER.

OCC Decision

OCC observed that SCADA AMC renewal is of utmost importance for a safe, secure and reliable operation of the Grid since SCADA is the backbone of modern power system operation.

- OCC opined that the choice of accepting the new price as quoted by M/S Chemtrols Pvt Ltd lies with the States & accordingly advised all the states to take up the matter of SCADA AMC cost escalation with POWERGRID and to find a suitable resolution bilaterally.
- OCC referred the issue to CCM for discussing the cost escalation for SCADA AMC renewal.

2.6 Request for Grid India's Intervention to Re-Establish Region-Wise Negotiation with Siemens for a Rational and Uniform PSSE AMC Pricing Framework: WBSLDC

Over the past few years, the software keys for **Siemens PSSE** were transferred to SLDCs as part of a Power Grid–driven initiative. During the previous renewal cycle, ERLDC had efficiently facilitated a consolidated quotation from M/s Siemens on behalf of all Eastern Region constituents and successfully negotiated a unified, region-wide commercial arrangement. In contrast, for the current cycle, it has been indicated that ERLDC has finalized negotiations with Siemens solely for NLDC and RLDCs, while advising each

constituent to independently pursue its commercial discussions with the vendor. The price finalized by Grid India has been circulated for reference.

A comparative analysis of the quoted AMC pricing is presented below:

Period	2021-26	2026-31 (as per Grid India LOA)
AMC cost per dongle for the period	Rs 5,51,697	Rs 16,10,157

Prices are inclusive of GST.

The revised LOA dated 24.06.25 reflects an escalation of nearly **300% (292%)** over the existing AMC value—a level of increase that is difficult to justify within the prevailing economic landscape, considering current price indices and inflationary parameters. With only **four dongles** operational within WBSETCL (and similar numbers in other individual TRANSCOs), negotiating effectively with Siemens on a standalone basis becomes disproportionately challenging. The regional aggregation model adopted by ERLDC last time was distinctly more prudent and strategically advantageous, leveraging the collective volume of the entire Eastern Region to secure a more favourable commercial outcome.

In view of these compelling considerations, it is earnestly requested that **Grid India re-engage with Siemens** to pursue a more rational, equitable, and transparent pricing framework, particularly with respect to the annual escalation mechanism.

It is also pertinent to emphasize that a **common software platform and harmonized system-study database** across all ER constituents is inherently beneficial and promotes operational coherence. However, given the present pricing scenario, the Siemens quotation compels us to **explore alternative solution providers** offering system-study tools with more competitive and logically structured commercial terms.

WBSLDC & ERLDC may update. Members may discuss.

Deliberations in the meeting

SLDC WB expressed concern about the escalation of nearly 300% over the existing AMC value which is difficult to justify to their higher management.

➤ *SLDC WB highlighted that earlier GRID INDIA had negotiated from M/s Siemens on behalf of all Eastern Region constituents but in present case, GRID -INDIA has finalized negotiations with Siemens solely for NLDC and RLDCs. It was deliberated that only four*

dongles are required for WBSETCL and negotiating for such small quantities with Siemens on a standalone basis becomes challenging.

➤ *ERLDC informed that considering the significant growth of Renewable Energy (RE) and the corresponding need for advanced and comprehensive studies including harmonic analysis, time-series simulations and other specialised analytical requirements the pricing for the PSS/E Maintenance and Support (M&S) contract was deliberated in multiple meetings with Siemens. After detailed discussions on the enhanced scope and requirements, the rates were mutually negotiated and finalised with Siemens along with proper justification.*

➤ *It was further clarified that in the event any State Load Despatch Centre (SLDC) wishes to renew the M&S contract for its existing PSS/E licenses, Siemens will facilitate such renewal either:*

(i) at the same price and on the same terms and conditions as those negotiated with Grid-India, or

(ii) at a price and on terms mutually agreed between Siemens and the concerned SLDC, depending on the SLDC's specific technical and functional requirements.

➤ *ERLDC opined that SLDC West Bengal is free to procure any other software that meets its operational and planning requirements. However, since regular exchange of network data and base cases is required for coordinated operational and planning studies, the shared datasets must remain compatible with PSS/E RAW format to ensure seamless day-to-day data sharing and interoperability.*

OCC Decision

OCC advised WBSLDC to explore either of the following two options:

- 1. Bilaterally take up the cost escalation issue in PSS/E software with M/S Siemens based on the specific features required by WB for carrying out system studies, power system planning etc.*
- 2. explore other alternative software tools which can be used for power system studies which is cost effective as compared to PSS/E software of M/S Siemens.*

OCC suggested that CTU may ensure easy accessibility of base case data for comprehensive system study by utilities.

2.7 Request for Construction Power Connection – Stage-II Expansion (1x800 MW) at Darlipalli STPP: NTPC

A new unit (1x800 MW) is planned under Stage-II expansion at Darlipalli Super Thermal Power Station. Construction activities are scheduled to commence shortly, and to ensure smooth execution, reliable and uninterrupted construction power will be required.

The estimated peak load demand is approximately 2500 kVA. In this regard, a proposal has been formulated for drawing construction power from NTPC's existing 11 kV feeders (Proposed SLD attached).(Annexure B.2.8)

NTPC may explain. Members may discuss.

Deliberations in the meeting

SLDC, Odisha informed that to avail construction power for the commissioning of upcoming unit of Darlipalli, NTPC should communicate with DISCOM and planned accordingly.

NTPC informed that drawal of construction power from NTPC's existing 11 kV feeders for the new unit (1x800 MW) are expected in December 2025 and they have also intimated the same to Tata Power (TPWODL).

NTPC also informed that TPWODL has suggested availing the construction power from the existing 11kv feeders which are already in use by OCPL for mining from Manoharpur and Dipside Manoharpur Coal Mines.

ERLDC apprised that metering and billing modalities also simultaneously need to be finalized between NTPC & Tata power (TPWODL).

OCC Decision

OCC advised NTPC to take up the matter with Tata power (TPWODL) for availing construction power from the existing 11KV feeders at OCPL and finalize the modalities of metering and billing for accounting of the construction power by Discom.

➤ *OCC advised NTPC & ERLDC to finalize the metering scheme for the purpose of energy accounting of GRIDCO.*

➤ *OCC advised to put up the scheme in the next CCM for vetting.*

2.8 Modalities of scheduling and accounting of Patratu Stage-1: ERLDC

As directed by Hon'ble CERC vide RoP in petition no. 658/MP/2025, ERLDC has commenced the scheduling of Patratu Stage-1 from 05.11.2025, following the CoD of Patratu Stage-1 Unit-1 and as per the share allocation issued by ERPC. In line with the discussions held during the meeting on 23rd July 2025 and the 229th OCC Meeting of ERPC held on 25th July 2025, ERLDC facilitated the following upon receipt of the required NOCs from Jharkhand.

- Implementation of applicable ISTS and STU losses for injection into / drawal from the ISTS by Patratu.
- Consideration of Deemed GNA for scheduling of Patratu based on the quantum of connectivity with the host State.

- Increment in Jharkhand's GNA for Scheduling to accommodate schedule from Patratu to Jharkhand.
- Participation of Patratu in SCED, SCUC, and Ancillary Services.

Members may note.

Deliberations in the meeting

JUSNL informed that SAMAST scheme is under implementation and it's expected to be completed by December 2025. Thereafter scheduling of PVUNL shall be taken up by SLDC, Ranchi.

➤ *ERLDC apprised that for billing and settlement of account, an intrastate DSM mechanism and pool account needs to be developed by JUSNL.*

OCC Decision

OCC advised JUSNL to expedite the SAMAST implementation and complete within Dec 2025 so that scheduling of PVUNL shall be commenced by JUSNL from 1st Jan 2025 as per the direction of CERC.

➤ *OCC also advised SLDC, Ranchi to highlight the need of DSM Mechanism and Pool account for settlement and billing to the higher management and simultaneously take up the matter with SERC for implementation of the same.*

➤ *OCC referred the matter to TCC for further deliberation.*

➤ *OCC noted the modalities of scheduling and accounting of Patratu Stage-1 highlighted by ERLDC.*

2.9 Construction of 220 KV AIS Bay for Baruiapur-II at Subhasgram 400/220 KV SS (PG) under ISTS scheme: WBSETCL

As per discussions held in the 54th ERPC meeting on June-2025 regarding utilization of 7th ICT at Subhasgram 400 KV SS[PG], it was decided that "...Considering, the load profile already detailed above the methodology of consideration of 500MVA ICT-7 (Interim) to be considered as a permanent asset under RTM." It was also recorded that "The status quo of bay 217 will be maintained for future use by WBSETCL". The same were agreed by the representatives of all the Eastern regional entities, ERPC, ERLDC and CTUIL present in the meeting and it was neither discussed nor recorded that the said decisions are subject to the approval of CEA. In the 48th CMETS meeting held on 30-10-2025, it is understood that approval of CEA will be required for utilization of the bay by WBSETCL and for finalization of seven nos. of ICT (2760 MVA) at Subhasgram 400 KV SS[PG] which is not in accordance of the decisions taken in the ERPC meeting mentioned above.

Further now the matter is diverted to Member (PS), CEA for convening a meeting of all concerned due to proposed deviation i.e the transformation capacity at load serving 400kV S/s shall not normally exceed 2500MVA as per provision of the Manual on Transmission Planning

As such the scheme to keep the 7th ICT permanently installed along with new 220kV line bay for termination of Subhasgram-Baruiapur ckt-II line is contingent upon decision of CEA and would cause delay unnecessarily due time lost in communicating to CEA by CTUIL.

WBSETCL may update. Members may discuss.

Deliberations in the meeting

WBSETCL informed that with the installation of 7th ICT at Subhasgram, the effective installed MVA capacity has exceeded 2500MVA which is violating the CEA Transmission line planning criteria and in this regard, CTU is required to take approval of CEA for consideration of the same.

- ERLDC apprised that CTU has already written a letter to CEA to address the issue.

OCC Decision

OCC opined that considering the surge in demand in the capital city of WB and Subhasgram being a critical substation catering the rising load, Installation of 7th ICT is very much essential for system stability and reliability.

- OCC further observed that both 6th and 7th ICTs were transported by POWERGRID from Maithon S/s to Subhasgram after putting in painstaking efforts to overcome administrative and other technical challenges. The ICTs were transported through multimodal transport and huge expenses have already been incurred considering the criticality of ensuring reliability of power supply to Kolkata area.
- OCC referred the matter to TCC for further deliberation and consideration of the same.

2.10 Update on follow up agenda:

- a) Intrastate Transmission Network Assessment & Mitigation – West Bengal (231st OCC Agenda no 2.1):**

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

ERLDC proposed modification of existing SPS at Subhasgram (PG) to include under voltage 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.

232nd OCC decision:

State-level meeting already done by SLDC as updated in 232nd OCC meeting. OCC advised WBSLDC to finalize the UVLS scheme by carrying out a joint study and present the same in the next OCC.

Update:

Joint study meeting is yet to be done.

WBSLDC may update. Members may discuss.

Deliberations in the meeting

WBSLDC updated that joint study meeting is yet to be conducted with CESC & WBSEDCL and the same shall be duly shared with ERPC & ERLDC.

OCC Decision

OCC advised WBSLDC to carry the joint study meeting with the concerned stakeholders at the earliest and update the same to ERPC & ERLDC.

- The matter is referred to TCC for detailed deliberations.

b) Intrastate Transmission Network Assessment & Mitigation – Odisha:

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.

232nd OCC decision:

OCC advised Odisha SLDC to obtain approval from the appropriate authorities for the implementation of the UVLS scheme so that the proposed scheme may be implemented at the earliest.

Update:

The action taken report is yet to be received from OPTCL and SLDC Odisha. Any communication related to approval from appropriate authority is yet to be received from SLDC.

OPTCL & Odisha SLDC may update. Members may discuss.

Deliberations in the 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 Decision

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.*
- *The matter is referred to TCC for detailed deliberations.*

c) Intrastate Transmission Network Assessment & Mitigation – DVC:

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

OCC advised DVC to expedite the implementation of the above suggested measures by ERLDC to improve the system resilience and reliability. A joint study was conducted on 22nd October 2025 where SPS proposal was discussed.

232nd OCC decision:

OCC advised SLDC, DVC to expedite the implementation of the SPS to improve the system resilience and reliability at the earliest.

Update:

Implementation timeline yet to be received from SLDC DVC.

DVC may update. Members may discuss.

Deliberations in the meeting

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

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.

d) Shorting of 400 kV Farakka-Purnea and 400 KV Purnea – Gokarna: PG ER1

OCC acknowledged the operational need for the shorting of the 400 kV Farakka-Gokarna line for increasing the redundancy of the WB network. OCC advised PG ER-I to identify the location for shorting of the above-mentioned lines at the earliest and the same maybe shared with ERLDC, WBSLDC and ERPC. 400kV FSTPP-Gokarna direct CKT formed after shorting above two lines was charged on 02.10.2025.

232nd OCC decision:

OCC noted and requested Powergrid to strengthen the surroundings of the tower base with additional boulders and the adjoining area of the river may be protected from erosion.

Update:

Line restoration work for reverting to original configuration using old tower is near completion. FTC under process.

POWERGRID may update. Members may discuss.

Deliberations in the meeting

PG ER1 updated that shutdown of 400KV New Purnea Farakka line and 400KV New Purnea Gokarna line was availed on 21st November 2025 for carrying out sorting activities of the two lines.

e) Update on Rajarhat GIS (POWERGRID) 400/220kV S/S: 2x500MVA

Reference:

The need of 3rd ICT at Rajarhat (PG) was agreed by WBSETCL in 21st CMETS-ER meeting held on 28.07. 2023. Since then, no headway could be achieved as yet due to non-finalisation of tender by Powergrid for GIS integration of the said forthcoming 3rd 500 MVA ICT. This situation is extremely apprehensive for the **2026 summer**, when the **State Assembly election** is scheduled to take place. Around **750 MW +** loading is observed in **Rajarhat (PG)** 400 kV substation, which is a clear **violation of (n-1)**. More than **2 years'** time has been lost due to no fruitful action from Powergrid in this regard

If the proposed 3rd ICT is not operational by the summer of 2026, severe congestion is likely to affect the ICTs at Rajarhat (PG).

As per 232nd OCC:

PowerGrid informed that the bidding process for the GIS bay is yet to be concluded

- PowerGrid further suggested that, considering the delay in GIS bay finalization, any existing lightly loaded line and bus reactor may be identified so that the bay can be used for interim commissioning of the ICT until the GIS is operational.

- WBSLDC has already written to PowerGrid to take proactive action for commissioning of GIS bay. PowerGrid informed that the bidding process for the GIS bay is yet to be concluded.

OCC Decision:

OCC took serious note of the inordinate delay in the bidding process by PowerGrid.

- OCC requested Powergrid to accord top most priority for resolution of the issue and must explore all possible solutions in consultation with their corporate office for successful completion of the bidding process without further delay.
- OCC advised ERLDC & WBSLDC to explore the suggestion of POWERGRID to use any existing Line and Bus reactor bay as an interim measure for 3rd ICT commissioning.
- OCC advised, PowerGrid to update the progress in tendering of GIS bay in the next OCC meeting.

As per latest communication received from POWERGRID mail dt.12 Nov 2025, Extension of Rajarhat GIS for 3rd ICT under ERES-41 awarded to M/S. Siemens on 21.10.2025 with a completion schedule of 16 Months from the date of LOA, i.e within March-2027.

POWERGRID may update. Members may discuss.

Deliberations in the meeting

POWERGRID updated that Rajarhat GIS for 3rd ICT under ERES-41 awarded to M/S. Siemens on 21.10.2025 with a completion schedule of 16 Months from the date of LOA, i.e. within March-2027.

OCC Decision

OCC advised POWERGRID to expedite the commissioning of GIS for 3rd ICT at Rajarhat.

f) Update on IB Valley TPS Islanding Scheme

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). 229th OCC Decision:

➤ OCC advised ERLDC to conduct the dynamic studies of the OPGC network at the earliest in association with SLDC Odisha and OPGC. ➤ OCC advised OPTCL to prepare the DPR after the completion of dynamic studies. ERLDC has done dynamic study of the proposed islanding scheme, and one online meeting was arranged on 19.08.25 to discuss about the study result, where SLDC Odisha, OPGC (IB Thermal) & OPTCL were present.

As per 232nd OCC:

OCC took a serious note on slow progress in implementation of IB Valley TPS Islanding Scheme.

OCC advised OPTCL to prepare the DPR at the earliest, based on the dynamic studies conducted jointly by ERLDC, Odisha SLDC, OPTCL, and OPGC.

OCC advised OPTCL to present the status in the next OCC meeting.

SLDC, Odisha may update. Members may discuss.

Deliberations in the 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 Decision

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.
- The matter is referred to TCC for detailed deliberations.

g) Commissioning of an additional 250 MVA ICT at Tenughat

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 informed that the test report for electrical clearance has not been submitted yet. However, the ICT is expected to be commissioned by the 1st week of November 2025.

OCC Decision:

OCC advised JUSNL to expedite submission of the transformer test report to the concerned authority to avoid further delays in obtaining electrical clearance and to ensure timely commissioning and integration of assets into the grid.

JUSNL may update. Members may discuss.

Deliberations in the meeting

JUSNL updated that testing of the 250MVA ICT at Tenughat has been completed and test report is to be 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.

h) Implementation of AGC in Intra-state generating units

218th OCC dated 13.08.24 with the increasing penetration of renewable energy, managing frequency is expected to become more challenging in the future. Therefore, it is crucial to enhance frequency control and stability through increased participation from intra-state AGC.

As per 232nd OCC:

SLDC Bihar informed that on 13.10.2025, NTPC Barauni (2×250 MW) completed AGC open loop and closed loop testing for Unit #1 and Unit #2. The plant is now exchanging signals with NLDC, and all relevant logics have been configured. SLDC Bihar further stated that the final NOC to NTPC will be issued within a week.

NTPC may update. Members may discuss.

Deliberations in the meeting

NTPC updated that Barauni has received the standing consent from Bihar SLDC for AGC operations.

i) Pending Installation of Circuit Breaker at WBSETCL Kolaghat for Secure Operation of Kolaghat–DVC Tie Line During Emergencies: WBSLDC

Since beginning there is no CB at Kolaghat (WB) sub-stn end in respect of Kolaghat Kolaghat (DVC) tie line. This line is usually kept off. This line is used only on emergency situations for providing Power assistance to DVC or to get power assistance from DVC. But in absence of CB, there is no control / protection of the said tie line at WBSETCL end, which is needed for system security aspect. As both the sub-stations are adjacent, hence it was requested earlier to DVC for providing minimum space for installation of the CB, i.r.o KOLKOL(DVC) tie line. But this issue is not resolved as yet. This may please be addressed, without which it's becoming difficult to provide power assistance on need without any protection / control at WBSETCL end.

As per 232nd OCC:

DVC suggested that a joint visit involving personnel from DVC and WBSLDC be conducted to identify a suitable location for installation of the proposed CB at Kolaghat (WB).

➤ WBSLDC agreed with the proposal.

WBSEDCL and DVC may update. Members may discuss.

Deliberations in the meeting

WBSLDC updated that joint site visit was conducted with DVC on 13th November and no suitable place was identified for installation of CB at Kolaghat.

➤ *WBSLDC further submitted that if CB were not installed at WBSETCL end, then it would be difficult for WBSETCL system to get connected through tie line since in the event of any fault in the DVC network, WB network will be compromised.*

➤ *SLDC, WB also informed this tie line is very crucial for DVC system since during any kind of contingency, this tie line is used to draw emergency power from WB network.*

OCC Decision

OCC opined considering the criticality of the tie line between DVC & WB at Kolaghat, status quo of the line shall be maintained as per the prevailing configuration.

➤ *OCC advised DVC to explore other possibilities to find a suitable place in the vicinity of the WB S/S at Kolaghat so that CB can be installed for enhancing system security and stability.*

j) Critical Installation of BESS at New Melli SS for increasing reliability of system stability against frequent outage of Auxiliary supply (11 KV supply by EPDS) and subsequent capitalization in original Package (Sikkim-B): POWERGRID

New Melli SS of POWERGRID is purely switching SS and for auxiliary supply majorly dependent upon 11 KV supply by EPDS/Sikkim and during intermittent period, available DG

Set supplied the requisite source. As New Melli SS is located in hills such type of problems is very frequent in rainy season (April-October) for each year. Being switching station, there is no option for any System dependant auxiliary (Like Tertiary Transformer) and only frequent start/stop of DG set is other alternative. Such type of frequent interruption is detrimental to Substation auxiliaries as well as main equipment's. Failure, of Battery Charger card was observed in such stations, and many times creating serious constraints and installed Batteries also affected. To overcome such situation, an available alternative is designed to have optimum sizing of BESS (Battery Energy Storage System) in line with GoI directives for adopting green alternative. For New Melli, as per requirement, a system of 120 Kw for 06 Hours back-up envisaged. Details technicalities are attached in Annexure-I. This option shall be adequate for hill areas where extending any connectivity is highly terrain dependant and overall, not that reliable. For subject activity, offer taken from M/S. EESL, having specialization in such activities across country. Total cost implication including AMC, comes to Rs. 3.4 Crore (Excluding applicable Taxes). As it is going to enhance system reliability, it is proposed to consider the expenditure under ADDCAP 2024-29 of original project i.e. Sikkim-B.

As per 232nd OCC:

PowerGrid appraised that the New Melli S/S is a switching substation with only one 11 kV feeder to meet auxiliary requirements.

- POWERGRID further informed that reliability of the 11 kV feeder is low, especially during the rainy season, leading to frequent operation of the two DGs presently available to meet auxiliary requirements.
- PowerGrid requested the commissioning of a BESS as an alternative under ADDCAP, with an estimated cost of Rs. 3.4 Crore which will be recovered as regional component impacting all ER states. OCC Decision: OCC acknowledged the requirement for an additional power source due to the frequent tripping of the single 11 kV feeder at New Melli.
- OCC observed that the views of SLDC, Sikkim needs to be taken to assess the reliability of 11kv feeder however Sikkim representative was not present in the meeting.
- OCC advised POWERGRID to submit all the tripping instances of 11kv feeder at New Melli S/S and oil consumption details of the DG set.
- Considering the high cost of the proposed BESS, OCC advised that alternative measures be explored in consultation with Sikkim SLDC, or PowerGrid may opt for another DG as an interim measure.

POWERGRID may explain. Members may discuss.

OCC Decision

OCC advised POWERGRID to explore all the alternative possibilities in co-ordination with SLDC, Sikkim and submit the report to ERPC at the earliest.

- *OCC also urged POWERGRID to submit a Cost benefit Analysis report incase POWERGRID opting for another DG as an interim measure to enhance system resilience and reliability.*

k) Operation of 220kv Balimela-Upper Sileru S/C ISTS line in radial mode: OPTCL

220 KV Balimela-Upper Sileru S/C ISTS line (24.76 ckt km) is presently idle charged from OPTCL end.

This line connecting two hydro stations was erected primarily to support black start operation. At present, 220 kV Balimela-Upper Sileru line being in idle charged condition from only one end, the state of Odisha is incurring significant energy loss.

The matter was deliberated in 207th OCC with following outcome:

✓ OCC suggested OPTCL on exploring proper utilization of the line in active power transfer rather than merely keeping in idle charged condition as anti-theft measure and urged for bilateral discussion between OPTCL and its counterpart in Andhra Pradesh in resolving the issue. ✓ Upon detailed consideration, OCC advised OPTCL to flag the issue to SRPC for deliberation as well as seek assistance from CTU in unravelling the background of the matter prior to being granted standing approval for proposed idle charging mechanism of 220 kV Balimela-U. Sileru line.

SRPC vide mail dated 19.10.2025 has put forth observations on this along with study report from SRLDC (Annex-B.2.5) From the study report, it is recommended to operate the 220 kV Upper Sileru–Balimela single circuit line in radial mode with the following options:

- Option 1: Split the bus at Balimela and keep one or two generating units in service to inject power radially into SR/AP, depending on the 220 kV line loadings in the Sileru complex.
- Option 2: The radial load in AP may be supplied through the 220 kV Upper Sileru– Balimela single circuit line. OPTCL may explain.

As per 232nd OCC:

OPTCL submitted that for evaluation of options suggested by SRPC, they need base case scenario from SRLDC to carry out the system study.

OPTCL also requested for support of ERLDC in this regard. OCC Decision:

OCC advised ERLDC to collect the base case report from SRLDC and conduct a joint study involving SLDC, Odisha and submit a report to ERPC.

SLDC, Odisha may update. Members may discuss.

Deliberations in the meeting

Sldc, Odisha submitted that the existing 220kv Upper Sileru– Balimela single circuit line may be radially connected with Odisha load.

➤ *They further informed that commercial issue involved with these lines shall be resolved bilaterally between AP & Odisha. The matter has already been taken up by Govt of Odisha with AP.*

OCC Decision

OCC opined that the issue is already under discussion between Govt of AP & Odisha for resolving the matter bilaterally.

➤ *OCC advised Odisha to update the forum on the outcome of bilateral discussion between them and AP.*

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

3.1. ER Grid performance during October 2025

The average and maximum consumption of Eastern Region and Max/Min Demand (MW), Energy Export for the month October-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)
556 MU	591.5 MU, 22.10.2025	28231 MW, 22.10.2025 at 18:19 Hrs.	18060 MW, 31.10.2025 at 06:07 Hrs.	3525	4029

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

OCC Decision

OCC noted ER grid performance during October 2025.

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.

In 232nd 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.

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 12.11.2025):

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	11.11.2025									
	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/1slvAOmOIEQVIMn0LnB78eKMa2sz2OYICZ-sPEpeV_jk/edit?usp=sharing

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

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:

4. PART-D: OPERATIONAL PLANNING

4.1. Anticipated power supply position for November-2025

The abstract of peak demand (MW) vis-à-vis availability and energy requirement vis-à-vis availability (MU) for the month of November-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.

OCC Decision:

All states were requested to provide their anticipated power supply position for December 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 21-10-2025)

SL No	STATION	STATE	AGENCY	UNIT NO	CAPACITY (MW)	REASON(S)	OUTAGE DATE
1	MPL	JHARKHAND	MPL	1	525	Annual Over Hauling	12-Nov-2025
2	NABINAGAR(BRBC)	BIHAR	NTPC	2	250	Annual Overhauling	06-Nov-2025
3	FSTPP	WEST BENGAL	NTPC	4	500	Initially unit was out due to Boiler Tube Leakage, later unit was taken under Annual Overhauling from 23:59 Hrs of 31.10.25	31-Oct-2025
4	MEJATPS	DVC	DVC	4	210	Annual Overhauling	09-Nov-2025
5	BUDGE-BUDGE	WEST BENGAL	CESC	3	250	Annual Planned Outage	09-Nov-2025
6	SAGARDIGHI	WEST BENGAL	WBPDC	3	500	Overhauling Job	03-Nov-2025
7	GMR 3	ODISHA	GMR-KEL	3	350	Annual Overhauling	02-Nov-2025
8	PVUNL	JHARKHAND	PVUNL	1	800	Turbine tripped on interlock and Generator tripped on "Low Forward	12-Nov-2025

						power" protection	
9	NORTH KARANP URA	JHARKHA ND	NTPC	1	660	Tripped on boiler tube leakage	12-Nov- 2025
10	BARH	BIHAR	NTPC	2	660	Boiler Tube Leakage	11-Nov- 2025
11	BOKARO- A'	DVC	DVC	1	500	Ash evacuation problem	12-Nov- 2025
12	Sterlite	ODISHA	SEL	1	600	Problem in PA fan	11-Nov- 2025
13	RTPS	DVC	DVC	1	600	Class B protection operated	04-Oct-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	200	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	2	200		
3	TEESTA STG III Hep	SIKKIM	TUL	3	200		
4	TEESTA STG III Hep	SIKKIM	TUL	4	200		
5	TEESTA STG III Hep	SIKKIM	TUL	5	200		
6	TEESTA STG III Hep	SIKKIM	TUL	6	200		

7	TEESTA HPS	SIKKIM	NHPC	1	170	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
8	TEESTA HPS	SIKKIM	NHPC	2	170		
9	TEESTA HPS	SIKKIM	NHPC	3	170		
10	U.KOLAB	ODISHA	OHPC	3	80	Annual Overhauling	17-Oct-2025
11	BURLA HPS/HIRAKUD I	ODISHA	OHPC	7	37.5	Abnormal sound from slip ring area	18-Sep-2025
12	CHIPLIMA HPS / HIRAKUD II	ODISHA	OHPC	1	24	Capital Overhauling	15-Dec-2023
13	BALIMELA HPS	ODISHA	OHPC	5	60	Repair and maintenance work	16-Jan-2025
14	BALIMELA HPS	ODISHA	OHPC	6	60	Initially unit was out due to Severe water leakage from turbine, later unit was taken under Repair and maintenance work from 00:00 hrs of 16.01.25	06-Jan-2025
15	BALIMELA HPS	ODISHA	OHPC	4	60	Annual maintenance	25-Oct-2025

Long outage report of transmission Element (MORE THAN 01 WEEK) (As on 21.10.2025):

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. 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 Destraining 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 Destraining 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-RANGPO-SAMARDONG-1	22-05-2024	Rangpo:Y_N fault with fault distance 0.157 KM ,14.562kA Samardong: NA
132KV-CHANDIL-MANIQUEI-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
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-ALIPURDUAR (PG)-PUNASANGCHUN-1	09-06-2025	CONNECTION OF ALL PHASE JUMPERS AT LOC. 177
400KV-PVUNL-PATRATU-2	19-08-2025	Patratu end:General trip,DT received & overvoltage protection.Repair work going on isolator chamber,expected by 15.9.2025
400KV-ARAMBAGH-NEW PPSP-2	04-01-2025	Damage in GIS chamber at new ppsp ss for Arambag ckt.Expected in January 2026
400KV-GOKARNA-NEW PURNEA-1	13.09.2025	for de-stringing of existing conductor, from very critical Tower no 1100(DD+0) which may collapse due to Ganga River water level raise and soil erosion approx 420 Mtr ,balance soil on 20 mtr from tower to Ganga Water
400KV-NEW PURNEA-FARAKKA-1	13.09.2025	for de-stringing of existing conductor, from very critical Tower no 1100(DD+0) which may collapse due to Ganga River water level raise and soil erosion approx 420 Mtr ,balance soil on 20 mtr from tower to Ganga Water
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
132KV-KARMNASHA-SAHUPURI-1	01.10.2025	Tripped from Sahupuri end: GND PU, R phase ,IL1-4.47KA ,Zone 1st ,Dist 11km
220KV-CHANDAUTI (PMTL)-BODHGAYA-2	13.10.2025	Emergency tree trimming work
220KV-CHANDAUTI (PMTL)-BODHGAYA-1	13.10.2025	Emergency tree trimming work
400KV/220KV 500 MVA ICT 3 AT NEW DUBURI	24-10-2025	Tripped due to Bph Cable Termination Unit of 220KV side burst, Diff/REF optd,Diff Main-2 Optd
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-KATAPALLI-BOLANGIR(PG)-1	27-10-2025	System Requirement
220KV-PUSAULI(PG)-DURGAUTI-2	27-10-2025	Line was idle charged from Pusauli end, Tripped only at Pusauli end, R/I at Pusauli : B_N, Zone-2, Fault distance: 16.65 km, Fault current: 8.68 kA
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.
220KV-PUSAULI-DEHRI-1	01-11-2025	During ESD of 220KV-PUSAULI-DEHRI-1, Y-Ph Pole of the breaker at Dehri end is stuck and cannot be operated locally because of that ESD has been cancelled. Line is in open condition from Pusauli end.

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.

4.3. Commissioning of new units and transmission elements in Eastern Grid in the month of September-2025.

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

NEW ELEMENTS COMMISSIONED DURING September, 2025							
□□□□□□□□ □□□□□□□□ / GENERATING UNITS							
S l. N o.	Location / Pooling Station	OWNER/UNI T NAME	Unit No/ Sou rce	Capacity added (MW)	Total/Installe d Capacity (MW)	DATE	Remarks
NIL							
आ □.□□.□□/□□.□□/□□.□□ / ICTs/ GTs / STs							
S l. N o.	Agency/O wner	SUB- STATION	ICT NO	Volt age Leve l (kV)	CAPACITY (MVA)	DATE	Remarks
1.	JSL (Jindal steel Limited) (Intra-state)	ACPP II	ST 1	400/1 1kV	80	25-10- 2025 18:55	The Angul Captive Power Plant (ACPP II-2x525 MW), consisting

Generator under Odisha)							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.
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□□□□□□ □□□□ / TRANSMISSION LINES

Sl. No.	Agency/Owner	LINE NAME	Length (KM)	Conductor Type	DATE	Remarks
1	JSL (Jindal steel Limited)	400KV-JSPL-ACPP II-1	4.7	Twin ACSR Moose	25-10-2025 14:15	
2	JSL(Jindal steel Limited)	400KV-JSPL-ACPP II-2	4.7	Twin ACSR Moose	25-10-2025 17:09	

लिलो / प्रेषण लाइन की पुनर्व्यवस्था / LILO/RE-ARRANGEMENT OF TRANSMISSION LINES

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	POWERGRID 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 . S I. N O.	एजेंसी/मालिक Agency/O wner	एलेमेंट का नाम Element Name	उप-केन्द्र SUB- STATIO N	वोल्टेज (केवी) Voltage Level (kV)	दिनांक DATE	टिप्पणी Remarks
NIL						
बस / BUS						
क्र . S I. N O.	एजेंसी/मालिक Agency/O wner	एलेमेंट का नाम Element Name	उप-केन्द्र SUB- STATIO N	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-2x525 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.
2	JSL(Jindal steel Limited)	ACPP II - 400KV - Bus 2	ACPP II	400	30-10-2025 04:58	
एच.वी.डी.सी/ए.सी फिल्टर बैंक/फैक्ट्स डिवाइस संबद्ध प्रणाली / HVDC /AC Filter bank / FACTS DEVICE associated System						
क्र . S I. N O.	एजेंसी/मालिक Agency/O wner	एलेमेंट का नाम Element Name	उप-केन्द्र SUB- STATIO N	वोल्टेज (केवी) Voltage Level (kV)	दिनांक DATE	टिप्पणी Remarks
NIL						
बे / BAYS						

क्र . S I. N O.	एजेंसी/मालिक Agency/O wner	एलेमेंट का नाम Element Name	उप-केन्द्र SUB- STATIO N	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 station located at Angul. It is connected to the JSPL system, which is further interconnecte d with the 400 kV Meeramandali substation.
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 steel Limited)	400KV MAIN BAY OF ACPP II-1 AT JSPL	JSPL	400	26-10- 2025 14:13	
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.

OCC Decision:

Members noted.

4.4. UFR operation during the month of September 2025

Frequency profile for the month as follows:

MONTH	MAX	MIN	% LESS IEGC BAND	% WITHIN IEGC BAND	% MORE IEGC BAND
	(DATE/TIME)	(DATE/TIME)			
October, 2025	50.31 Hz on 06- 10-2025 at 11:13	49.42 Hz on 31- 10-2025 at 17:51	6.5	78.7	14.8

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

Members may note.

OCC Decision:

Members noted.

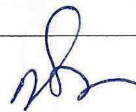




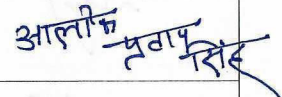

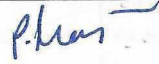
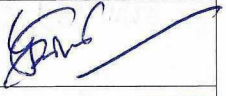

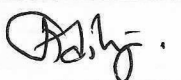
Annex A

Participants in 233rd OCC Meeting

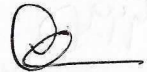
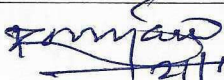

Venue: ERPC Conference Hall, Kolkata

Time: 10:30 AM





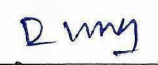



Date: 21/11/2025(Friday)

Sl. No.	Name	Designation	Organisation	Contact No.	Email ID	Signature
1.	NS MONDAL	MS	ERPC			
2.	RAJIB SUTRADHAR	ED	ERLDC			
3.	DEBABRATA BISWAS	GM	ERLDC	943474041	dbiswas@grid-india.in	
4.	MANAS DAS	DGM	ERLDC, GRID-INDIA	9007070925	manasdas@grid-india.in	
5.	BILASH ACHARI	DGM	GRID-INDIA ERLDC	7003472016	libash.achari@grid-india.in	
6.	ALOK PRATAP SINGH	C.M.	GRID-INDIA ERLDC	9007285390	apsinghe@grid-india.in	
7.	RAKESH KUMAR PRADHAN	C.M.	GRID-INDIA ERLDC	9831337570	rkpradhan@grid-india.in	
8.	PRIYAM MAITY	AM	POWERGRID ER-II	9883233351	pmaity@powergrid.in	
9.	MITHUN GAYEN	MANAGER	POWERGRID ER-II	9007691056	mithun.gayen@powergrid.in	
10.	JAIPRAKASH VERMA	AGM	NTPC-F	9424140787	jai prakash verma@ntpc.co.in	
11.	UTSAB ADITYA	SE(E)	SLDC-WB	9434910880	utsabadiya@gmail.com	

Annex A

12.	Sanjib Roy	ACE, SLDC	WBSETCL	9434910887 9331905657	sanjibroy12235@ gmail.com	
13.	S. K. BAG	ACE, SLDC	WBSETCL	7980098826	sgajalrbag74@ gmail.com	
14.	SHOUVIK BANERJEE	CE, SLDC, WB	WBSETCL	9434910379	ce.wbslde@ gmail.com	Banerjee 21/11/25
15.	R. DAS.	CE, CPD	WBSETCL	94349 10740	cpd.wbsetcl @gmail.com	
16.	J. Sengupta.	ACE, CPD	WBSETCL	9434910547	cpd.wbsetcl. @gmail.com	
17.	PREETAM BANERJEE	ACE, ALDC	WBSETCL	7003871189	preetan72 @gmail.com	
18.	Rajat K. Koley	SM(OS), WBPDC	WBPDC	9474860642	rk.koley@ wbpdcl.co.in	
19.	MANOJ PODDER	AGM (OS)	WBPDC	8336904077	mpodder@wbpdcl. co.in	Podder 21.11.25
20.	SOURAV MANDAL	CM	ERLDC	9402102354	Sourav mandal@grid-india.in	
21.	ANKIT JAIN	CM	ERLDC	9436335381	ankitjain@grid- india.in	
22.	BISWANATH PATEL	AGM	JSW	7016677030	biswanath. Patel @ JSW.in	
23.	TUNESHWAR KUMAR	SM, STU	JUSNL	9431190306	tuneshwar.kumar @gmail.com	
24.	Shailesh Prakash.	DGM (Operations), SLDC	JUSNL	9470145226	shsldcranch@ gmail.com	
25.	Himanshu Kumar	EEE, SLDC	BSPTCL	7763817787	slde.bseb@gmail.com	

Annex A

26.	GAGAN KUMAR	E.Ex.E, SLOC	BSPTCL	7763817782	gagan.kumishra@gmail.com	
27.	S.K. Sharma	Sr. GM, HOD, DVC	DVC LDC.	8972135338	sanjay.sharma@dvc.gov.in	
28.	S.K. Panda.	manager	DVC LDC	637013729	santosh.panda@dvc.gov.in	
29.	B.P. Mohapatra	CGO	GRIDCO	9438907954	b.p.mohapatra@gridco.co.in	
30.	P. P. Jena	EE	ERPC	9726198991	ppjena.erpcc@gov.in	
31.	D.K. Khanda	AD-E	ERPC	7683889161	d.k.khanda@se6080mail.com	
32.	BS Ray	EE	ERPC			
33.	S. KESRIWAL	SE	ERPC	9831919509	shyam.kesriwal@gov.in	
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Minutes of the Meeting held on 18.11.2025 between ERPC, SRPC, NLDC, ERLDC, SRLDC, SLDC Odisha & POWERGRID to discuss reconductoring plan of 400kV Talcher-Meramundali D/C

ERLDC convened a meeting on 18th Nov 2025 via online mode (MS Teams) to discuss reconductoring plan of 400kV Talcher-Meramundali D/C. The meeting was chaired by Member Secretary, ERPC. MS SRPC attended the meeting as a special invitee. Representative from Odisha SLDC, NTPC, NLDC, SRLDC and PGCIL were also present in the discussion. The list of participants is attached as **Annexure-I**.

GM (System Operation), ERLDC welcomed the participants to the meeting, briefed about the scheme and expressed need for proper outage planning to reduce the outage duration.

MS ERPC stated that the reconductoring work of 400kV Talcher - Meramundali D/c line is crucial for the system security in the Eastern Region and highlighted the need to complete the reconductoring work during winter to avoid operational difficulties in summer.

MS SRPC stated that the outage of the line will have significant impact on Southern Region and it needs to be completed for long term solution of the issue. He also stressed on need to complete the reconductoring work within winter. POWERGRID were requested to deliberate their outage requirement and action plan for completing the work.

The deliberations and summary of the meeting is as follows:

1. POWERGRID intimated that the scope of work involved reconductoring of Talcher-Meramundali Ckt-1 &2 along with bay upgradation work at both NTPC Talcher and Meramundali (OPTCL) end. The work has been awarded to M/s Apar (Sub vendor of POWERGRID) with completion date of Jun'2026. POWERGRID submitted that they want to start the work simultaneously in both LILO portion of Talcher-Meramundali Ckt-2 (17.158 KM) as well as Talcher-Meramundali Ckt-1(direct line approx. 51KM) in line with the supply schedule of the HTLS conductor, insulators and other hardware materials. POWERGRID intimated that the supply of material for bay upgradation work is expected to reach site by end of Mar'26. The presentation shared by POWERGRID is attached at Annexure-II.
2. MS ERPC expressed concern over the extended planning schedule of POWERGRID to complete the work and mismatch in supply schedules with action plan. He advised to expedite supply of material and double the manpower deployed to complete the work in winter. He further emphasised the need to complete the bay upgradation work along with reconductoring work to avoid further delay.
3. MS SRPC emphasised that the line after reconductoring will not be utilized for full capacity unless the bay upgradation is completed. In response, it was clarified that the bay equipment at Angul and Meramundali SS are capable of power flow up to 2000A i.e. approx. 1300MW with HTLS conductors.
4. ERLDC made a detailed presentation highlighting line loading pattern, HVDC power flow during the previous winter months. Various scenarios were presented based on actual power flow pattern of the lines keeping in mind of probable contingencies (Presentation attached in the Annexure-III). It was pointed that if shutdown of 400KV Talcher-Meramundali circuit-1 is facilitated with availability of 400KV Talcher-Meramundali circuit-2 along with LILO portion, then there will be minimal requirement of any generation backdown until Feb'26.

With increase in demand of Odisha and outage of one circuit of Talcher-Meramundali, the ICT loading at TSTPP will also be close to its rated capacity without any redundancy as other ICT is already under long outage.

ERLDC advised to start with shutdown of 400KV Talcher-Meramundali circuit-1. During the period of shutdown, the 400KV Talcher-Meramundali circuit 2 (longer line) should be available in its original configuration with LILO.

5. NLDC submitted that the reconductoring work needs to be completed by Feb'26 as the demand in Odisha remains on the lower side in winter. In the cases of HVDC pole tripping during reconductoring work, the generation backdown quantum will be very high. NLDC requested to increase no. of gangs and complete the reconductoring work within winter. NLDC reliability team also expressed to start

the shutdown of circuit-1 without bypassing LILO part as generation backdown requirement is minimal.

6. SRLDC intimated that high demand in Southern region remains from the month of February till May. In addition, elections are also expected to be held in Tamil Nadu, Kerala and Pondicherry. In this period, shutdowns cannot be permitted with high generation backdown at TSTPP. Besides, there have been cases in winter when Talcher HVDC goes to RVO mode reducing the export capability to SR. They suggested to allow shutdown of circuit-1 with circuit-2 availability with LILO part causing reduced power flow owing to increased line length of LILO portion. The shutdown planning needs to be done without any generation backdown in view of demand peaking after 15th January.
7. MS SRPC expressed that simultaneous shutdown of both the circuits cannot be permitted (as suggested by POWERGRID). He agreed to the view of allowing reconductoring of LILO part and then circuit-1 with availability of circuit-2 with LILO part. He also stated that once any circuit is taken out for reconductoring, it should be completed in all respect in one go without requirement of further shutdown. Secondly, while availing shutdown of circuit-2, the possibility of using circuit-1 along with LILO part may be explored which will reduce the generation backdown quantum. Thirdly, line shutdowns need to be completed by January as the examinations in SR states are scheduled in Feb. Besides, the shutdowns for bay upgradation may be planned after 15th May'26.
8. SLDC Odisha submitted that line shutdowns may be completed by 15th Feb'26, else it can be availed after 15th Aug'26. Secondly, the rating of the available circuit may be considered on higher side. Shutdown of circuit-1 needs to be prioritised as the LILO work can be taken up at any time.
9. NTPC Talcher submitted that unit#1 will be under outage for overhauling work for a period of 45 days starting 15th Dec'25. MS ERPC stressed to avail the unit outage opportunity to complete the work.
10. POWERGRID intimated that the executing vendor has started supply of conductor for the LILO part based on tower schedule to minimise the damage. POWERGRID submitted that they will be able to complete reconductoring the LILO part by December end and require further 45 days to complete reconductoring the 400KV Talcher-Meramundali circuit-1.
11. In view of peak demand season of SR, MS, SRPC further emphasized to complete the works by 30th Jan'26 (SR provides concurrence to the shutdown without any backdown at Talcher stage-2 generation and 400KV Talcher-Meramundali Ckt-1 works needs to be completed by 31st Jan'26). He suggested that NLDC/ERLDC may reassess the SPS for Talcher Kolar single/ bi-pole outages considering 400KV Talcher-Meramundali circuit-1/2 planned shutdowns. ERLDC clarified that till January 2026, the existing SPS will suffice based on system studies.

He suggested the efficacy of the bays (rated and short circuit) to handle HPC conductor may be assessed without bay upgradation. ERLDC clarified that as per studies maximum flow is expected to be below the rated capacity of bus and bay equipment. He stated that PGCIL needs to put more gangs to complete the works as Talcher II generation and Talcher-Kolar links are very critical to Southern Region.

MS ERPC concluded 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. He also emphasized to submit progress report on weekly basis and share all revised supply schedule and execution details to ERPC/ERLDC. POWERGRID committed to complete the reconductoring work within the timeline as instructed by MS ERPC.

MS ERPC assured POWERGRID to provide all sorts of assistance for the work. However, no relaxation will be granted in completion timeline. He thanked everyone for participation in the meeting.

The meeting ended with a vote of thanks.

List of Participants

ERPC

1. Sh. N. S. Mondal, Member Secretary
2. Sh. S Kejriwal, Director/ SE(Operation)
3. Sh. D. K. Khuntia, Asst. Director (Operation)

SRPC

1. Sh. Asit Singh, Member Secretary

NLDC

1. Sh. Sunil Kumar DJ, Ch. Manager
2. Sh. Saibal Ghosh, Ch. Manager
3. Sh. Raj Kishan, Asst. Manager

SRLDC

1. Sh. Pradeep Reddy, DGM
2. Sh. Gurram Praveen, Ch. Manager

SLDC Odisha

1. Sh. Sanjay Kumar Mishra, SGM
2. Manas Ranjan Samantaray, SGM
3. Sh. Debi Prasad Kar, GM

ERLDC, GRID-INDIA

1. Sh. Debabrata Biswas, GM
2. Sh. Bilash Achari, DGM
3. Sh. Manas Das, DGM
4. Sh. Rakesh Kumar Pradhan, Ch. Manager
5. Sh. Chandan Mallick, Ch. Manager
6. Sh. Alok Pratap Singh, Ch. Manager
7. Sh. Laldhari Kumar, Manager
8. Sh. Pritam Mukherjee, Manager
9. Sh. Srimalya Ghosal, Asst. Manager

POWERGRID

1. Sh. K. K. Prusti, Sr. GM
2. Sh. Prahlad Bhola, Sr. GM
3. Sh. Debadatta Padhy, DGM

NTPC Talcher

1. Sh. Tapas Bachar, AGM
2. Sh. P Guruprasad, AGM
3. Sh. Premkumar V, AGM
4. Sh. T Ravikumar, DGM
5. Sh. Sudhanshu Sekhar, Sr. Manager

Minutes of the Meeting held on 18.11.2025 between ERPC, SRPC, NLDC, ERLDC, SRLDC, SLDC Odisha & POWERGRID to discuss reconductoring plan of 400kV FSTPP-KHSTPP D/C

ERLDC convened a meeting on 18th Nov 2025 via online mode (MS Teams) to discuss the action plan for commencing reconductoring of 400kV Farakka-Kahalgaon D/C (line length ~ 95Km). The meeting was attended by representatives of ERPC, ERLDC, FSTPP, KHSTPP, POWERGRID ER-I and ER-II. The list of participants is attached as **Annexure-I**. The deliberations and summary of the meeting is as follows:

- POWERGRID stated that the reconductoring work initially planned to start from 20th Nov'25 could not be started due to non-availability of materials at site. They intimated their revised plan to start the reconductoring work in the first week of December considering expected supply of materials in last week of November. As the bay upgradation work of Farakka Ckt#1 at NTPC Kahalgaon is in progress, it is prudent to start reconductoring in 400kV Farakka-Kahalgaon Ckt#1. The bay upgradation work will be taken up as per scheme approved in 22nd NCT meeting.
- POWERGRID presented L2 schedule of supply materials and action plan for the reconductoring works. They requested shutdown requirement of 2 months for Circuit#1 starting from first week of Dec'25 and further 2 months (February and March of 2026) for completing reconductoring of Circuit#2.
- Representative of West Bengal SLDC were not present in the meeting. They had intimated through email that their views remain same as discussed in 232nd OCC outage meeting i.e. to complete the reconductoring works by Jan'26.
- NTPC, Kahalgaon intimated that upgradation of Main Bay of Farakka Ckt#1 is going as per schedule and expected to be completed by approved schedule till 8th Jan'26.
- NTPC Farakka intimated that materials for bay upgradation are available at site and will be taken up during outage of line for reconductoring work. Upgradation of Main and tie bay of KHSTPP Ckt#1 are expected to be completed by 6th Jan'26. However, they need to rework on their plan for bay upgradation of KHSTPP Ckt#2 which is planned from 21st Mar'26 to 30th Apr'26.
- ERLDC clarified that simultaneous shutdowns of 400kV Farakka-Kahalgaon Ckt#1 and Ckt#2 cannot be permitted. ERLDC stated that it will be beneficial if all the reconductoring works be completed by January 2026 considering lesser demand of ER states.
- ERPC stated that considering the line to be crucial link for power import to West Bengal, the works needs to be completed latest by February 2026 by increasing manpower.

After deliberation, the forum was of consensus view to complete the reconductoring work by Feb'26. POWERGRID intimated that they will give best efforts to complete the work within the suggested timeline.

The meeting ended with a vote of thanks.

List of Participants

ERPC

1. Sh. D. K. Khuntia, Asst. Director (Operation)

ERLDC

1. Sh. Rakesh Kumar Pradhan, Ch. Manager
2. Sh. Laldhari Kumar, Manager
3. Sh. Pritam Mukherjee, Manager
4. Sh. Ramashankar Kumar, Asst. Manager

POWERGRID

1. Sh. Achyutanand Parhi, Sr. DGM (ER-I)
2. Sh. Rajesh Kumar, DGM (ER-I)
3. Sh. Sudeep Kumar, DGM (ER-I)
4. Sh. Prosun Kumar Mallick, DGM(ER-II)
5. Sh. Uttam Kumar, DGM (ER-I)
6. Sh. Sanjay Kumar Singh, Ch. Manager (ER-I)
7. Sh. Tarak Chandra Biswas, Ch. Manager (ER-II)
8. Sh. Ponda Tudu, Asst. Manager (ER-I)
9. Sh. Biswajit Roy, Asst. Manager (ER-II)
10. Lutfor Rehman, Engineer (ER-II)

NTPC Farakka

1. Rajesh Kumar Meena, AGM
2. Jayathran P S, DGM

NTPC Kahalgaon

1. Deborshi Chakraborty, DGM

ANNEXURE B.2.3

Maintenance Schedule of Thermal Generating Units of ER during 2025-26									
System	Station	Unit	Capacity	LGBR Approved		No. of Days	OCC Approved		Reason
				From	To		From	To	
<i>NTPC</i>	NABINAGAR STPP	2	660	05-Jan-26	18-Feb-26	45	Not Required		AOH
	FARAKKA STPS	6	500	15-Jan-26	18-Feb-26	35	01-Jan-26	14-Feb-26	AOH
	BARAUNI TPS	9	250	01-Dec-25	30-Dec-25	30	01-Jan-26	15-Feb-26	AOH
	BARAUNI TPS	8	250	15-Mar-26	31-Mar-26	16	Not Required		AOH
<i>DVC</i>	MEJIA TPS	6	250				28-Dec-25	31-Jan-26	AOH- R&M
	MEJIA TPS	7	500				06-Feb-26	12-Mar-26	AOH- R&M
	MEJIA TPS	8	500	11-Jan-26	04-Feb-26	25	Not Required		AOH- R&M
	KODERMA TPS	1	500				10-Dec-25	13-Jan-26	AOH
	KODERMA TPS	2	500	11-Feb-26	17-Mar-26	28	Not Required		AOH
<i>WBPDC</i>	SANTALDIH	5	210	27-Dec-25	30-Jan-26	34	03-Jan-26	06-Feb-26	BTG OH + De-Nox
	BANDEL	5	210	03-Feb-26	09-Mar-26	35	03-Feb-26	09-Mar-26	AOH
	SAGARDIGHI	1	210	05-Aug-25	08-Sep-25	20	26-Dec-25	29-Jan-26	AOH
	KOLAGHAT	3	210	10-Feb-26	16-Mar-26	35	08-Dec-25	11-Jan-26	AOH
	KOLAGHAT	4	210				05-Jan-26	11-Jan-26	ESP R&M