सत्यमेव जयते

भारत सरकार / Government of India

विद्युत मंत्रालय / Ministry of Power

पूर्वी क्षेत्रीय विद्युत समिति / Eastern Regional Power Committee

No. ERPC/COMMERCIAL/CCM/2025-26/623 **Date: 20.06.2025**

To/सेवा में

As per List Attached/ संलग्न सूची के अनुसार।

Subject: Minutes of 53rd Commercial Sub-committee meeting of ERPC - reg.

विषय: ईआरपीसी की 53वीं वाणिज्यिक उप-समिति बैठक का कार्यवृत्त - तत्संबंधी।

Sir,

The minutes of 53rd Commercial Sub-Committee Meeting of ERPC held on 13th June, 2025 through virtual mode is enclosed for your kind information and necessary action, please.

13 जून, 2025 को वर्चुअल मोड के माध्यम से आयोजित ईआरपीसी की 53वीं वाणिज्यिक उप-समिति बैठक का विवरण आपकी जानकारी और आवश्यक कार्रवाई के लिए संलग्न है।

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

Yours faithfully/ आपका विश्वासी

Encl: As above

PRASUN KUMAR DE

Digitally signed by PRASUN KUMAR DE
Date: 2025.06.20 18:06:54 +05'30'

(P. K. De/ पी. के. दे)
SE(Commercial)/ एसई(वाणिज्यिक)

कार्यालय: 14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता – 700033 Office: 14, Golf Club Road, Tollygunge, Kolkata – 700033
Telephone: 033-24239650 / 24239651 / 24239659 www.erpc.gov.in E-mail: mserpc-power@nic.in

Distribution List-CC Members:

1. Director (Project), BSPTCL, Vidyut Bhavan, Bailey Road, Patna-800001.
2. Director (Project), SBPDCL, Vidyut Bhavan, Bailey Road, Patna-800001.
3. Director (Project), NBPDCL, Vidyut Bhavan, Bailey Road, Patna-800001.
4. Chief Engineer (Commercial), BSPHCL, Vidyut Bhavan, Bailey Road, Patna-800001.
5. Executive Director (Comml.), DVC, Kolkata
6. Executive Director, JUSNL, JSUNL Building, Kusai colony, Dorand, Ranchi-834002
7. Executive Director (C&R), JBVNL, Engineering Building, HEC, Dhurwa, Ranchi-834004
8. Chief Engineer (C&R), JBVNL, Engineering Building, HEC, Dhurwa, Ranchi-834004.
9. General Manager (Comml.), JBVNL, Engineering Building, HEC, Dhurwa, Ranchi-834004.
10. Chief General Manager (PP), GRIDCO, Bhubaneswar-751022
11. Chief General Manager (R&T), OPTCL, Bhubaneswar-751023
12. Asst. General Manager (F&A), Finance Wing, OHPC, Bhubaneswar
13. Sr. General Manager (Finance), OPGC, Odisha
14. Executive Director (RT), WBSEDCL, Kolkata
15. Chief Engineer (Commercial), WBSETCL, Bidyut Bhavan, Bidhannagar, Kolkata-700091
16. Chief Engineer, SLDC, WBSETCL, Howrah
17. General Manager (Commercial & Operations), WBPDCL, Kolkata
18. Chief Engineer (Trans), Deptt. Of Power, Govt. Of Sikkim, Gangtok-737201
19. Executive Director, ERLDC, Kolkata-700033
20. Director (GM), CEA, New-Delhi-110066
21. General Manager (Comml. -ER), NTPC, Corporate Centre, New Delhi.
22. AGM (Comml.), ER – I HQ, NTPC Ltd., Loknayak Jaiprakash Bhawan, 2nd Floor, Dak Banglow Chowk, Fraser Road, Patna – 800001.
23. AGM (Comml.), ER – II HQ, NTPC Ltd., 3rd, 4th & 5th Floor, OLIC Building, Nayapalli, Bhubaneshwar – 751012
24. Chief Engineer (Commercial), NHPC, Faridabad
25. GM(Comml.), ER-I, Powergrid, Patna
26. GM(Comml.), ER-II, Powergrid, Kolkata
27. GM (Comml.), Powergrid, Odisha Projects, Sahid Nagar, Bhubaneswar –751007.
28. ED(Commercial), PTC india Limited, 2nd Floor NBCC Tower, Bikaji Cama Palace, New Delhi-110066
29. GM (BD&PS), NVVN Ltd, Scope Complex, Core-3, 7th Floor, Lodhi Road, New Delhi-110003
30. General Manager (SO), CESC Ltd., Kolkata
31. Vice-President (OPN-ER), Tata Power Co. Ltd., Jamshedpur
32. Head (Commercial), MPL, MA-5 Gogna Colony, P.O- Maithon Dam, Jharkhand-828207
33. Associate Vice President (CC), GMR Kamalanga Energy Ltd. (GKEL), Bhubaneswar 42303994
34. ED (Power Sales), JIPL, Plot-12, Local Shopping Complex, Sector B-1, Vasant Kunj, New Delhi-110070
35. President (Commercial), APNRL, Crescent Tower, 3rd Floor, Kolkata-700020,
36. ED (Commercial), Sikkim Urja Limited, Barakhamba Road. New Delhi – 110001.
37. AGM, BRBCL, Nabinagar, Aurangabad BIHAR.
38. Head (Commercial), TPTCL, Tata Power Co Ltd, Shatabdi Bhawan, NOIDA – 201 301
39. ED, DANS Energy Pvt Ltd, Jorethang HEP, DLF Cyber City, Phase-II, GURGAON – 122 002
40. Director, Shiga Energy Pvt. Ltd., Tashiding HEP, 5th Floor, DLF Building No. 8, Tower-C, DLF Cyber City, Phase-II, Gurgaon – 122002

41. CEO, Sneha Kinetic Power Projects Pvt. Ltd., Dikchu HEP, #31 -A, National Highway, Behind SNOD building, Deorali, Gangtok, Sikkim-737102.
42. Head (Commercial), Gati Infrastructure Pvt. Ltd, Chuzachen HEP, Takchang, Sikkim 737106.
43. General Manager, Rongnichu HEP, MBPCL, Sikkim-737102
44. Associate Director (Commercial & Regulatory), DMTCL, Sekura Energy Limited, Mumbai
45. CEO, Adani Power Transmission Limited, Gujrat-382028
46. DGM, Sikkim Power Transmission Limited, New Delhi-110066
47. Head (Regulatory & Contract), IndiGrid Limited, Mumbai-400079
48. CEO, Cross Boarder Power Transmission Limited, Gurgaon-122001
49. Member Secretary, NRPC, New Delhi
50. Member Secretary, WRPC, Mumbai
51. Member Secretary, SRPC, Bangalore
52. Member Secretary, NERPC, Shillong
53. Member Secretary, NPC, CEA, New Delhi

<u>वितरण सूची-सीसी सदस्य:</u>

1. निदेशक (परियोजना), बीएसपीटीसीएल, विद्युत भवन, बेली रोड, पटना-800001।
2. निदेशक (परियोजना), एसबीपीडीसीएल, विद्युत भवन, बेली रोड, पटना-800001।
3. निदेशक (परियोजना), एनबीपीडीसीएल, विद्युत भवन, बेली रोड, पटना-800001।
4. मुख्य अभियंता (वाणिज्यिक), बीएसपीटीसीएल, विद्युत भवन, बेली रोड, पटना-800001।
5. कार्यपालक निदेशक (वाणिज्यिक), डीवीसी, कोलकाता
6. कार्यपालक निदेशक, जेयूएसएनएल, जेएसयूएनएल बिल्डिंग, कुसाई कॉलोनी, डोरंड, रांची-834002
7. कार्यपालक निदेशक (सी एंड आर), जेबीवीएनएल, इंजीनियरिंग बिल्डिंग, एचईसी, धुर्वा, रांची-834004
8. मुख्य अभियंता (सी एंड आर), जेबीवीएनएल, इंजीनियरिंग बिल्डिंग, एचईसी, धुर्वा, रांची-834004।
9. महाप्रबंधक (वाणिज्यिक), जेबीवीएनएल, इंजीनियरिंग बिल्डिंग, एचईसी, धुर्वा, रांची-834004।
10. मुख्य महाप्रबंधक (पीपी), ग्रिडको, भुवनेश्वर-751022
11. मुख्य महाप्रबंधक (आर एंड टी), ओपीटीसीएल, भुवनेश्वर-751023
12. सहायक। महाप्रबंधक (एफ एंड ए), वित्त विंग, ओएचपीसी, भुवनेश्वर
13. वरिष्ठ महाप्रबंधक (वित्त), ओपीजीसी, ओडिशा
14. कार्यकारी निदेशक (आरटी), डब्ल्यूबीएसईडीसीएल, कोलकाता
15. मुख्य अभियंता (वाणिज्यिक), डब्ल्यूबीएसईटीसीएल, विद्युत भवन, बिधाननगर, कोलकाता-700091
16. मुख्य अभियंता, एसएलडीसी, डब्ल्यूबीएसईटीसीएल, हावड़ा
17. महाप्रबंधक (वाणिज्यिक एवं परिचालन), डब्ल्यूबीपीडीसीएल, कोलकाता
18. मुख्य अभियंता (ट्रांस), विद्युत विभाग, सिक्किम सरकार, गंगटोक-737201
19. कार्यकारी निदेशक, ईआरएलडीसी, कोलकाता-700033
20. निदेशक (जीएम), सीईए, नई दिल्ली-110066
21. महाप्रबंधक (वाणिज्यिक-ईआर), एनटीपीसी, कॉर्पोरेट सेंटर, नई दिल्ली।
22. एजीएम (कॉमल.), ईआर - । मुख्यालय, एनटीपीसी लिमिटेड, लोकनायक जयप्रकाश भवन, दूसरी मंजिल, डाक बंगला चौक, फ्रेजर रोड, पटना - 800001।
23. एजीएम (वाणिज्य), ईआर - ॥ मुख्यालय, एनटीपीसी लिमिटेड, तीसरी, चौथी और पांचवीं मंजिल, ओएलआईसी बिल्डिंग, नयापल्ली, भुवनेश्वर - 751012
24. मुख्य अभियंता (वाणिज्यिक), एनएचपीसी, फरीदाबाद
25. जीएम (वाणिज्य), ईआर-I, पावरग्रिड, पटना
26. जीएम (वाणिज्यिक), ईआर-II, पावरग्रिड, कोलकाता
27. जीएम (कॉमल.), पावरग्रिड, ओडिशा प्रोजेक्ट्स, साहिद नगर, भुवनेश्वर - 751 007।
28. ईडी (वाणिज्यिक), पीटीसी इंडिया लिमिटेड, दूसरी मंजिल एनबीसीसी टॉवर, बीकाजी कामा पैलेस, नई दिल्ली- 110066
29. जीएम (बीडी एंड पीएस), एनवीवीएन लिमिटेड, स्कोप कॉम्प्लेक्स, कोर-3, 7वीं मंजिल, लोधी रोड, नई दिल्ली-110003
30. महाप्रबंधक (एसओ), सीईएससी लिमिटेड, कोलकाता
31. उपाध्यक्ष (ओपीएन-ईआर), टाटा पावर कंपनी लिमिटेड, जमशेदपुर
32. प्रमुख (वाणिज्यिक), एमपीएल, एमए-5 गोगना कॉलोनी, पी.ओ- मैथन डैम, झारखंड-828207
33. एसोसिएट उपाध्यक्ष (सीसी), जीएमआर कमलांगा एनर्जी लिमिटेड (जीकेईएल), भुवनेश्वर 42303994
34. ईडी (पावर सेल्स), जेआईपीएल, प्लॉट-12, लोकल शॉपिंग कॉम्प्लेक्स, सेक्टर बी-1, वसंत कुंज, नई दिल्ली-110070
35. अध्यक्ष (वाणिज्यिक), एपीएनआरएल, क्रिसेंट टॉवर, तीसरी मंजिल, कोलकाता-700020,
36. ईडी (वाणिज्यिक), सिक्किम ऊर्जा लिमिटेड, बाराखंभा रोड, नई दिल्ली – 110001।
37. एजीएम, बीआरबीसीएल, नबीनगर, औरंगाबाद बिहार।
38. प्रमुख (वाणिज्यिक), टीपीटीसीएल, टाटा पावर कंपनी लिमिटेड, शताब्दी भवन, नोएडा – 201 301
39. ईडी, डान्स एनर्जी प्राइवेट लिमिटेड, जोरेथांग एचईपी, डीएलएफ साइबर सिटी, फेज-II, गुड़गांव – 122 002
40. निदेशक, शिगा एनर्जी प्राइवेट लिमिटेड, ताशीडिंग एचईपी, 5वीं मंजिल, डीएलएफ बिल्डिंग नंबर 8, टावर-सी, डीएलएफ साइबर सिटी, फेज-II, गुड़गांव – 122002

41. सीईओ, स्नेहा काइनेटिक पावर प्रोजेक्ट्स प्राइवेट लिमिटेड। लिमिटेड, डिकचू एचईपी, #31-ए, राष्ट्रीय राजमार्ग, एसएनओडी बिल्डिंग के पीछे, देवराली, गंगटोक, सिक्किम-737102।
42. प्रमुख (वाणिज्यिक), गति इंफ्रास्ट्रक्चर प्राइवेट। लिमिटेड, चुजाचेन एचईपी, ताकचांग, सिक्किम 737106।
43. महाप्रबंधक, रोंगनिचू एचईपी, एमबीपीसीएल, सिक्किम-737102
44. एसोसिएट डायरेक्टर (वाणिज्यिक और विनियामक), डीएमटीसीएल, सेकुरा एनर्जी लिमिटेड, मुंबई
45. सीईओ, अदानी पावर ट्रांसमिशन लिमिटेड, गुजरात-382028
46. डीजीएम, सिक्किम पावर ट्रांसमिशन लिमिटेड, नई दिल्ली-110066
47. प्रमुख (विनियामक और अनुबंध), इंडीग्रिड लिमिटेड, मुंबई-400079
48. सीईओ, क्रॉस बोर्डर पावर ट्रांसमिशन लिमिटेड, गुड़गांव-122001
49. सदस्य सचिव, एनआरपीसी, नई दिल्ली
50. सदस्य सचिव, डब्ल्यूआरपीसी, मुंबई
51. सदस्य सचिव, एसआरपीसी, बैंगलोर
52. सदस्य सचिव, एनईआरपीसी, शिलांग
53. सदस्य सचिव, एनपीसी, सीईए, नई दिल्ली

MINUTES

OF

53rd CCM MEETING

Date: 13.06.2025, Time: 15:00 Hrs. (Online)

Eastern Regional Power Committee

14, Golf Club Road, Tollygunge

Kolkata: 700033

EASTERN REGIONAL POWER COMMITTEE

MINUTES OF 53rd CCM MEETING HELD ON 13.06.2025 AT 15:00 HRS THROUGH MS TEAMS

*List of participants is enclosed at **Annexure-A**.*

Member Secretary welcomed all the participants to the meeting and requested SE (Commercial) to take up the agenda points for discussion.

ITEM NO. A1: Confirmation of the minutes of the 52nd Commercial Sub-Committee meeting held on 28.01.2025 through online platform.

The minutes of the 52nd Commercial Sub-Committee meeting was issued vide no. ERPC/Commercial/CCM/ 2025/1834, dated 03.02.2025 and uploaded on ERPC website.

No observation on the same received so far.

Members may confirm the minutes of the 52nd Commercial Sub-Committee Meeting.

Deliberation in the meeting:

Members confirmed the minutes of 52nd Commercial Sub-Committee Meeting.

PART B: ITEMS FOR DISCUSSION

AGENDA B1: Feasibility of reliable power evacuation from GMR and JIPL units

- ✓ To explore the feasibility of alternate power evacuation from JITPL & GMR units utilizing the available spare bay, the first online meeting was held on 11.04.2025 among representatives of ERPC, ERLDC, JIPL, GMR and POWERGRID.
- Shifting of GMR-1line bay was proposed as the transmission line from GMR is having quad conductor and capable of evacuating combined full generation of GMR and restricted generation of JIPL (up to 850MW, limited by line thermal loading limit).
- JIPL & GMR acknowledged that the proposed arrangement will enhance the reliability of generation evacuation. They sought time to discuss the issue with higher management and talk over cost sharing mechanism to proceed with the proposal. ERPC directed JIPL & GMR to update on the proposal in 226th OCC meeting.
- POWERGRID submitted that upon concurrence of JIPL & GMR on the proposal, they will examine site feasibility issues and proceed further.

As per 226th OCC deliberation:

Powergrid Odisha apprised:

- ✓ Power evacuation from GMR would be facilitated by shifting GMR-1 from bay 427 to bay 421 and through ICT-4 of the Angul substation. This setup would ensure power evacuation through the tie bays in the event of an outage of both 400 kV buses.
- ✓ The Jindal-1 – GMR-2 dia and the Jindal-2 – GMR-1 dia are connected to the lines via multi-circuit towers. Therefore, directly destringing GMR-1 from bay 427 and restringing it at bay 421 would render bay 427 unusable in the future.

GMR submitted:

- ✓ 400 kV metering and protection panels are not installed in bay 421 and would need to be shifted from the GMR-owned bay 427.
- ✓ A proposal was made to Powergrid to make the necessary arrangements for power evacuation and to transfer ownership of bay 421 to GMR. In exchange, ownership of bay 427 would be transferred to Powergrid.

OCC Decision

- ✓ All discussions regarding the technical modalities of shifting the bays may be placed in the CMETS-ER meeting for information.
- ✓ The cost implications for the bay shifting may be discussed in next CCM.
- ✓ Feasibility study for bay shifting along with tower profile needs to be conducted by Powergrid at 765 kV Angul S/S.

Powergrid Odisha, JIPL & GMR may explain. Members may discuss.

Deliberation in the meeting:

Powergrid Odisha updated that based on preliminary study, technical constraints like more than 60-degree angle of deviation, space limitation for erection of one more tower in the same corridor exists. A meeting on site itself will be more meaningful. Member Secretary opined that Powergrid Odisha, JIPL and GMR along with ERLDC may jointly carry out a comprehensive study to get multiple options and associated cost implications along with merits and demerits. Only after comprehensive feasibility study, cost component could be derived. Powergrid Odisha was requested to take the lead to finalize the issue at the earliest.

AGENDA B2: ODISHA SLDC

(A) High volume of sale and purchase without ramping having operational impact thereof.

(B) Intimation after gate closure for large industries under RTM sale / Purchase leading to deviation and no precautionary measure is feasible after gate close.

SLDC Odisha may explain. Members may discuss.

Deliberation in the meeting:

SLDC Odisha intimated that the problems mentioned are mainly due to large quantity of CPPs in their state. CPPs, especially in solar hours, buy bulk power from market due to cheaper cost forcing states to deviate from schedule and forced to bear huge DSM penalty. They requested to find out a mechanism to get out of this type of problems. They also suggested for implementation of ramping mechanism for markets. ERLDC explained the reasons why implementation of

ramping mechanism is not possible in market. MS sought the views of other states. Then West Bengal intimated that impact of CPP power is low for the State. West Bengal also informed that only way out is the implementation of intra-state DSM regulation. West Bengal is having its intra-state DSM regulations. No other states of ER have intra-state DSM regulations presently. Member Secretary requested all States to pursue with their respective state regulators for introducing Intra-State DSM Regulation. States have also to explore a mechanism for apportioning of DSM penalty among their intra-state entities.

AGENDA B3: Drawl mode at Maithon by IPCL post commissioning of 220 kV Maithon (ISTS) – Chalbalpur D/C line

- ✓ IPCL has been granted 100 MW of General Network Access (GNA) under transition, as per Section 37.2 of the GNA Regulations. The connectivity is granted through the 220 kV Maithon (ISTS) – Chalbalpur D/C line, which is to be implemented by IPCL. The GNA has been made effective from 1st October 2024; however, the associated transmission line is yet to be commissioned the same line is expected by December 2026.
- ✓ Since the 220 kV Maithon (ISTS) – Chalbalpur D/C line are not yet operational, it is understood that presently the load is the said licensed area being supplied entirely through the STU system.
- ✓ Despite multiple communications, no response has been received from IPCL regarding the operational mode of power drawal post-commissioning of the line.
- ✓ It is expected that post commissioning of 220 kV Maithon (ISTS) – Chalbalpur D/C, IPCL will draw the power in radial mode. The licensed area connected with CTU and STU systems will not be connected.

It may be noted that:

- Post commissioning of the dedicated line, if IPCL plans to connect both STU and CTU systems in a meshed configuration, prior intimation to be given to ERLDC before implementing the change.
- Once the STU and CTU systems are synchronously connected, NLDC shall discontinue the computation of separate calculation of IPCL's CTU system transmission charges, aligning with the treatment given to Torrent Power Limited.

The issue was deliberated in the 224th OCC and ERLDC submitted the following:

- ✓ IPCL has been granted 100 MW GNA under, effective from 1st October 2024, through the 220 kV Maithon (ISTS) – Chalbalpur D/C line, which is yet to be commissioned (expected by December 2026).
- ✓ No response has been received from IPCL regarding the operational mode post-commissioning of this line. It is expected that IPCL will draw power in radial mode, and if a meshed connection with STU and CTU systems is planned, prior intimation must be given to ERLDC.
- ✓ Post synchronization of both systems, separate CTU transmission charge computation for IPCL will be discontinued.

OCC Decision:

OCC opined that the issue having commercial implications is being referred to CCM.

ERLDC and IPCL may explain. Members may discuss.

Deliberation in the meeting:

IPCL updated that Chalbalpur line is not ready and waiting for in-principle approval of WBERC for the investment.

Powergrid, ER-II enquired regarding bay allocation by CTU to IPCL at Maithon S/S and requested IPCL to take up the issue with CTU for a fresh engineering requirement for the purpose.

AGENDA B4: NTPC

(A) Evaluation of Beta factor for FRP of BRBCL (6th April 2024 and 10th May 2024)

The issue in respect of FRP of BRBCL was deliberated in **225th OCC where** BRBCL submitted the following:

- ✓ When grid frequency is high and schedule of the generating station is already near technical minimum, there is no or little scope for further reduction in load. Hence desired frequency response performance becomes difficult to achieve.
- ✓ In other instances, frequency response has been graded as poor due to non-receipt of data on time at ERLDC end.
- ✓ In absence of any frequency event in a particular month, the generating stations are being deprived of any incentive despite operating the units in throttle mode to provide desired frequency response.
- ❖ ERLDC apprised that the concern of Beta factor computation in the month when no frequency event is reported, has already been taken up by NLDC with Hon'ble CERC and subsequent actions will be in line with CERC's decision. It was submitted that as corrected data has been received from BRBCL long after occurrence of frequency events, SCADA data was considered in grading frequency response performance.

225th OCC Decision

- OCC agreed with the concern of BRBCL regarding further reduction in load near technical minimum
- OCC advised BRBCL to submit the requisite details of the event to ERPC for consideration.
- OCC advised ERLDC to follow-up with NLDC on the issue of Beta Factor computation in months when no frequency event is reported.
- OCC suggested that non-receipt of data against frequency event reported on **06.04.2025 and 10.05.2025** may be sorted mutually between BRBCL and ERLDC. BRBCL was thereby advised to regularly share high resolution data against each reportable frequency event with ERLDC on time (ideally within two days of the event) to facilitate accurate assessment of FRP.

The issue was again discussed in the **226th OCC** where BRBCL apprised the following:

- Units were operating near the technical minimum due to low requisition. The renewable energy (RE) generation loss in the Northern Region caused poor frequency response, and the Beta factor calculated during this event was 0.41.
- BRBCL units were running close to MTDL because of SCED and ancillary backdown.

226th OCC Decision

✓ OCC observed the limitations of BRBCL units in achieving desired frequency response while operating near MTDL under high grid frequency condition.
✓ OCC further opined that regulatory intervention is required to address such concern and accordingly advised BRBCL to approach CERC.
✓ All commercial aspects may be deliberated in CCM.

BRBCL and ERLDC may update. Members may discuss.

Deliberation in the meeting:

BRBCL apprised that they have already provided all necessary data/report to ERLDC for their study and approach CERC accordingly. But ERLDC informed that they are in the process of collecting similar information from other stations as well before approaching CERC.

Member Secretary advised BRBCL to approach CERC from their end for faster resolution. He also requested ERLDC to compile data and take up with NLDC regarding existing grading mechanism of stations when operating at MTDL.

It was decided that till any guideline is received on the issue from the competent authority, existing procedures for evaluation of Beta factor for FRP will continue as per the present regulations.

(B) Consideration of Partial Outages of Generating Stations in calculation of DSM Accounts.

Vide CERC Notification No. L-1/260/2021/CERC, dated: 5th August 2024, Clause 8 - Charges for Deviation, Sub-Clause (12) states as follows:

Quote

"(12) Notwithstanding anything contained in Clauses (1) to (11) of this Regulation, in case of forced outage or partial outage of a seller, the charges for deviation shall be @ the reference charge rate for a maximum duration of eight-time blocks or until the revision of its schedule, whichever is earlier."

Unquote

The said notification has been effective from 16.09.2024.

However, in case of partial outage**, "Deviation rate @ reference charge" has not yet been incorporated in the DSM calculation in the published DSM statements. It is requested that the same may please be incorporated.**

The issue was deliberated in 53rd TCC as well.

NTPC stations are submitting the partial outage data to ERLDC on regular basis and further requested to incorporate the same in the DSM.

Deliberation in the meeting:

Member Secretary intimated that though partial outage data are received from NTPC/ERLDC but the same was not considered for DSM accounting purpose as some more clarifications are required to assess the actual impact on generation due to the partial outage, particularly for stations which are having multiple units and the impact on MW output due to partial outage.

It was decided that a format will be developed in coordination with ERLDC & NTPC for furnishing the unit wise generation data starting from 4-5 blocks before partial outage and data of subsequent 4-5 blocks after restoration by Thursday for the preceding DSM week. A meeting for deliberation on the partial outages will be held online on next day to finalize the partial outages that are to be considered for DSM purpose. It is also decided, if proper format is developed and procedures are duly taken up in time, then the partial outage data will be considered from the DSM account of July.

(C)

(i) Schedule Generation Below Technical Minimum- Non-Compliance w.r.t. IEGC-2023- reg.

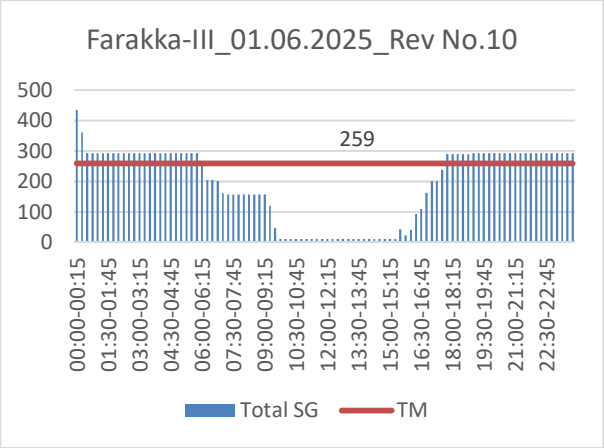
SCUC & SCED technical minimum support was not extended to some generating stations, the affected generating stations incurred significant financial loss and grid experiences disturbance due to excessive non-scheduled energy on account of this anomaly in the scheduling structure.

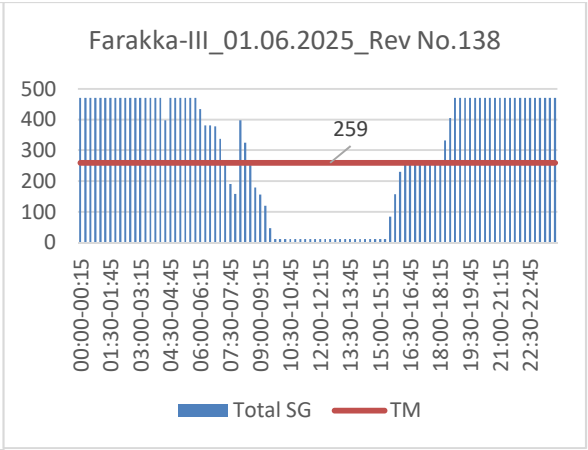
Further, the attention is drawn to a specific incident on 01.06.2025, NTPC Farakka-I&II and Farakka-III, which were required to cater to the evening peak of Eastern region, incurred heavy DSM loss to maintain Technical Minimum in absence of suitable schedule from beneficiaries and SCUC/SCED support.

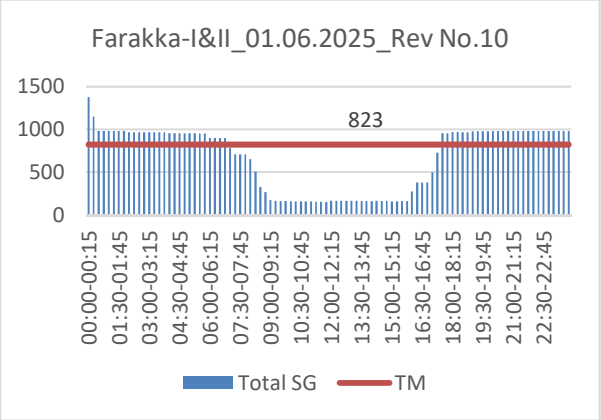
It is also likely to mention that some beneficiaries of above-mentioned stations are procuring power from the market during non-solar hours instead of availing their entitled share from these generating stations.

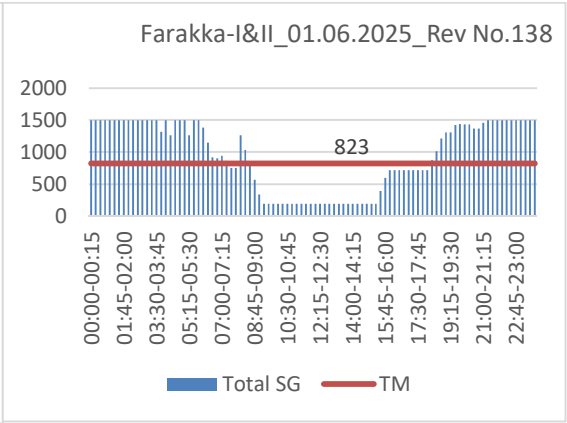
NTPC requested to ensure the technical minimum schedules are provided to the generating stations during solar hours. Furthermore, necessary directions may kindly be issued to the concerned beneficiaries to schedule and avail their entitled power at least up to Technical Minimum from the respective generating stations before approaching the market.

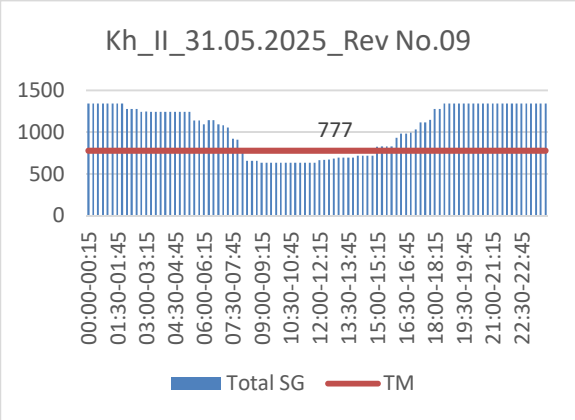
Following graphical presentation for Generating stations not receiving the SCUC, SCED technical minimum support.

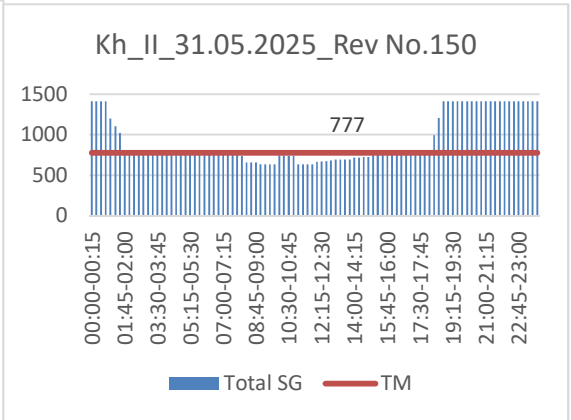












Applicable Clauses:

1. Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023, clause No. 4(b) Section 46
2. Central Electricity Regulatory Commission (Indian Electricity Grid Code) (First Amendment) Regulations, 2024: Clause No. 6(5)10
3. Detailed procedure for moderating schedule up to minimum turndown level for Section 62 generators through SCED, dated- 12.03.2025

NTPC may explain. Members may discuss.

(ii) Kanti: Schedule for MTPS-II below MTL - cases observed on 04.05.2025, 25.05.2025, 26.05.2025, 27.05.2025 & 01.06.2025

It has been observed that at many instances Schedule for MTPS-II was below MTL even SCED_MTL support was committed in all the blocks as per the report published by NLDC on D-1 day for D Day. Further it has been observed that in many blocks' frequency is around 50.00 Hz or below during below MTL schedule & no fulfilment of SCED support through SCED_MTL _support even though it was committed on D-1 day.

During the above event, station has to over-inject up to MTL level of the On-bar units irrespective of grid frequency resulting in huge DSM losses to the tune of Rs. 0.5 to 2 Lakhs per block.

Keeping in view of the above facts & since machine was kept ON-Bar to support grid in other time blocks of the day i.e. 70 to 80 Blocks (which are above MTL) & SCED commitment was YES on D- 1 day, methodology for calculation of DSM for such blocks to be reviewed.

NTPC suggested for the following:

In all such cases where SCED MTL support commitment has not been honoured owing to issues not in the control of station, DSM calculation to be done on basis of reference charge rate (ECR) irrespective of Grid frequency.

NTPC may elaborate. Members may discuss.

(iii) Darlipali:

Even having a better standing at MoDs, Darlipalli is also being scheduled below technical minimum. Date: 13.04.2025 , Block no: 49 to 57 SG given was less than technical minimum load (820.6 MW) . Net DSM Loss: 6.31 Lacs. In view of Economical Dispatch, Darlipali should be considered for adequate scheduling.

NTPC may explain. Members may discuss.

Deliberation in the meeting:

Points no. C (i), (ii) & (Iii) are almost similar in nature and related to scheduling issue, hence discussed as a whole.

It was unanimously agreed that the present scheduling mechanism lead to few genuine problems and required to be addressed properly by the competent authority. MS informed that CEA has formed a high-level committee to look into the shortcoming of the present scheduling mechanism. NTPC was advised to place their case before the committee.

It was decided that till the finalization of the recommendations of the committee and acceptance of the same by the competent authority, the existing procedure will have to be followed.

(D) Patratu Vidyut Utpadan Nigam Limited (PVUNL):

(i) Connectivity Agreement by JUSNL having Transmission charge payment obligation

- ERPC vide its letter dated 22.05.2025, allocated power from 15% to the beneficiary states of eastern region.
- Beneficiaries of PVUNL are requested to sign
  - PPA with PVUNL for this allotment of power from the unallocated pool.
  - Transmission Service agreement/Sharing of Transmission Charges with Jharkhand STU for availing the power from the station.
- As per relevant documents like PPA, JVA, the JBVNL will be responsible for evacuation of power from Patratu Station's bus bar. The beneficiaries of the stations will share the charges associated to operation of the station i.e. fixed charge, transmission charges etc.

(ii) For operation of plant:
NOC for injection GNA needed by PVUNL

- No Objection Certificate (NOC) is needed for 15% of PVUNL's capacity to facilitate the grant of GNA with ISTS. (15% power of PVUNL to the beneficiaries other than Jharkhand)
- The NOC may be provided in line with the special meeting by ERPC held on 02.06.2025.

(iii) Start-up power accounting and billing upon the availability of Patratu-Patratu line.

At present PVUNL is using start-up power as a HT consumer of JBVNL. Upon the arrival and stable operation of Patratu-Patratu line, start-up power will be drawn from the designated ATS of PVUNL as per IEGC,2023 and as per relevant CERC regulation.

PVUNL may explain and update the status.

Deliberation in the meeting:

ERPC clarified that formal share allocation for the UA power of Patratu TPS is not yet issued. Only the concerned authorities were apprised in advance to initiate appropriate measures to avail the share of 15% UA power of PTPS.

It was informed that a meeting was already held in Ranchi on 2nd June'2025 where ERPC, ERLDC, JUSNL, JBVNL & PVUNL / NTPC were present to sort out the connectivity and scheduling issue of PTPS.

This agenda point was placed by PVUNL to apprise only. They are in the process of sorting out various issues with JUSNL/JBVNL.

West Bengal raised their concern on state transmission charges payable for availing any UA power from the PTPS and requested to resolve the issue before signing of any PPA.

MS requested Jharkhand to consider the feasibility of waiving of the state transmission charges for PTPS.

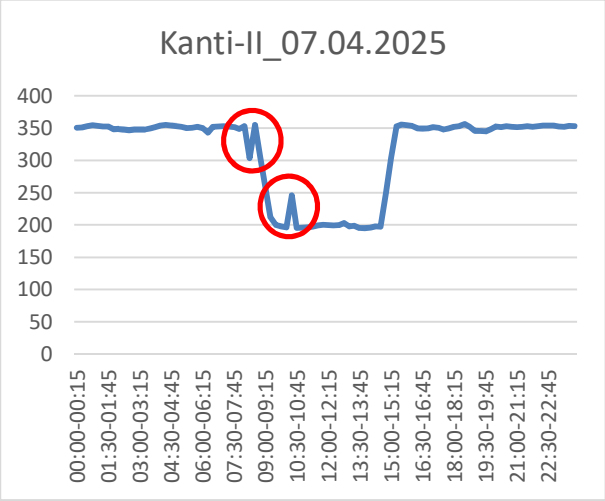
The issue was referred to 54th TCC for deliberation on various issues faced by Patratu TPS.

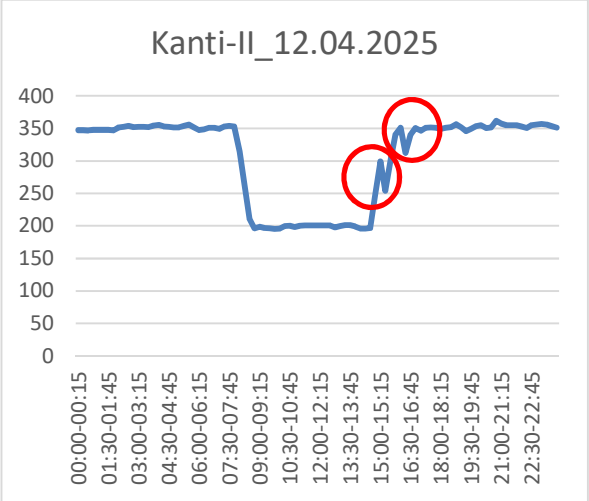
(E) Regarding Frequent Cyclic Ramp up and Ramp down of schedule (Kanti_II, Kahalgaon):

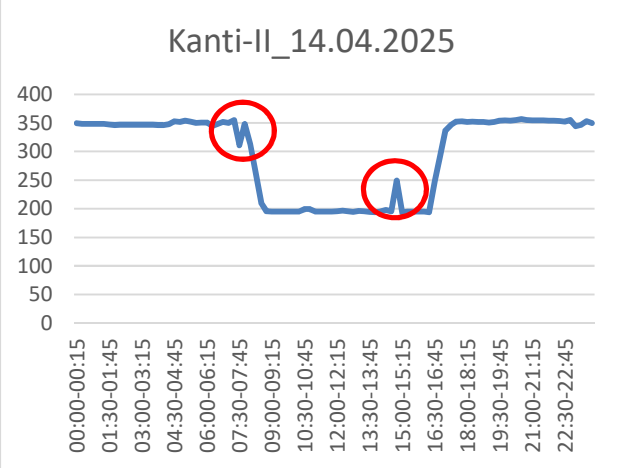
It has been observed that frequent cyclic ramp up and ramp down schedule (i.e. Ramp direction change in consecutive blocks) being given to MTPS-II, Kahalgaon-I, Kahalgaon-II on multiple occasions.

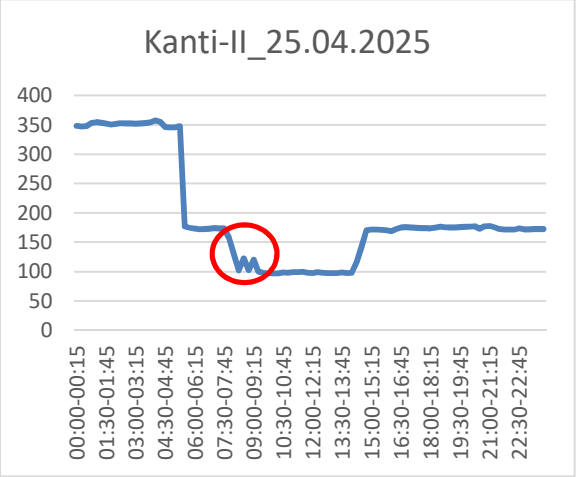
It is to mention that such frequent change in ramping direction is not desirable to generating machines barring some occasional emergency requirement. Often/ block to- block cyclic ramping is needlessly stressing the generating unit, as it is very difficult for mechanical systems of the unit to manage change in electrical system of the grid, this is severely increasing the stress on Boiler and Turbine. Moreover, such frequent variations in schedule lead to financial losses for the station on account of DSM.

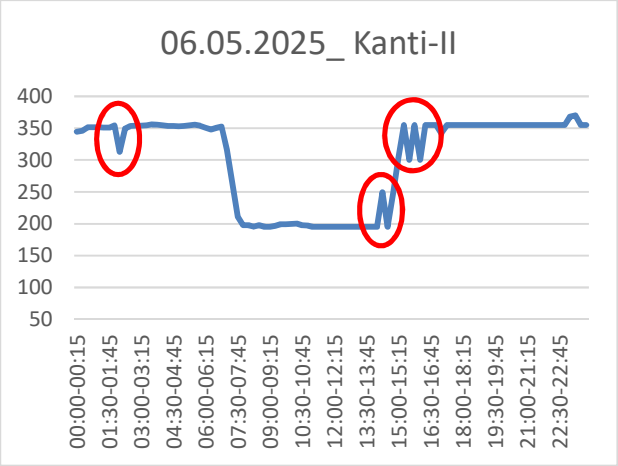
Some of the instances of cyclic ramps of Kahalgaon_I, Kahalgaon_II and Kanti-II are shown below.

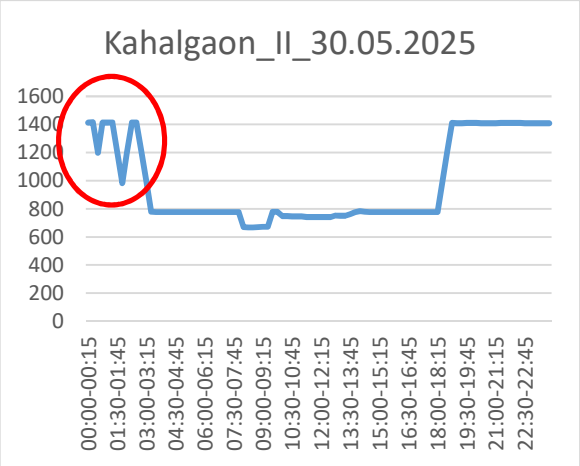


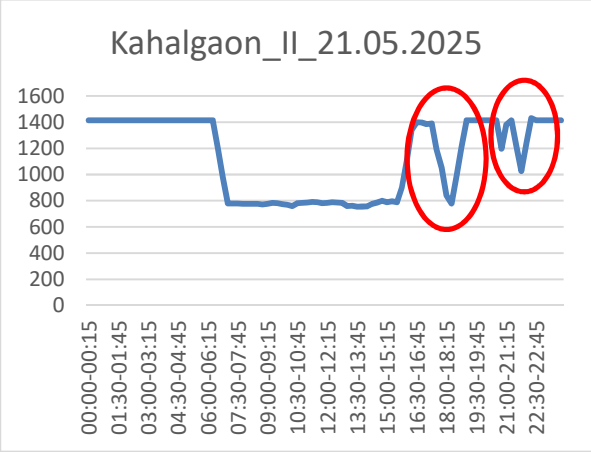


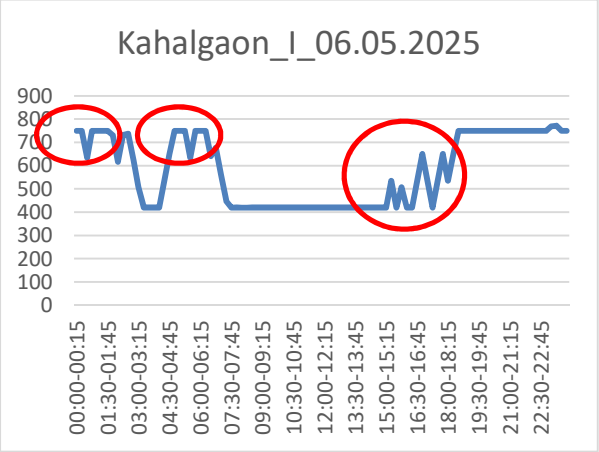












NTPC suggested that the Cycle Operations should be avoided up to possible extent and the methodology DSM calculation to be adopted as implemented for Ramp Declaration.

NTPC may explain. Members may discuss.

Deliberation in the meeting:

Concern of NTPC was acknowledged by all.

It was clarified that as per the existing regulation there is hardly any scope for change in methodology of DSM to accommodate the impact of cyclic ramp up and down in DSM accounting.

(F) Computation of Average Monthly Frequency Response Performance Beta (`β') Factor:

The methodology for computation of Average Monthly Frequency Response Performance, (Terms and Conditions of Tariff) Regulations, 2024 has been prepared by NLDC and same has been approved by CERC on dated 23.10.2024. In line with the Clause No. 4.4 (b) of the CERC Approved NLDC procedure for computation stations, whose tariff is determined by CERC and are falling under the jurisdiction of SLDCs (in accordance with the control area jurisdiction as per

Regulation 43 of CERC (IEGC) Regulations, 2023) shall be assessed by concerned SLDC in line with this methodology, for computation of Beta. Bihar being the sole beneficiary of NTPC Barauni, the generating station falls under the jurisdiction of Bihar State Load Despatch Centre (SLDC).

The methodology for calculating the FRO has been discussed with SLDC through various meetings been conducted on the following dates: 26.12.2024, 27.01.2025, 02.04.2025, and 10.04.2025 held at Vidyut Bhavan, Patna. Bihar state is considering the Methodology-I as mentioned in Agenda-7: Methodology for calculation of FRO of intra-sate entities of 48th FOLD meeting date 21.08.2024.

It is observed that, if Bihar state adopts Method-I, the basic motive behind the implementation of the frequency response will be defeated as Beta (`β') value of Barauni Station will seldomly get incentive at par even for the best performance. The method -I demonstrates a much-deviated result with respect to NLDC adopted methodology as there is no other intra state generating station is available in Bihar besides.

NTPC suggested that Barauni STPS, being a CGS, it is appropriate that Beta (`β') factor for NTPC Barauni TPS should be calculated as per methodology by NLDC to avoid the discrepancy in calculating the FRO and maintaining uniformity. It is gathered that other SLDCs are also adopting the same procedure.

The high-resolution data for Barauni Stage-II has already been submitted to SLDC.

NTPC may elaborate. Members may discuss.

Deliberation in the meeting:

For Beta factor calculation and implementation of the same for Barauni TPS, it is to be taken up as per the provisions of Bihar State Regulatory commission. If it is not there, BERC may be approached for the same.

(G) Implementation of LPSC rules,2024 w.e.f 01.07.2025

Section-F of LPSC rules specifies that the generating companies shall offer the URS power in power exchanges. In the event of failure to offer the URS power in the power exchanges, the URS power to the extent not offered in the power exchange up to the declared capacity shall not be considered for payment of fixed charges.

Presently, the mock run of section-F is in progress up to 30.06.2025. NTPC is also participating in the mock run and complying the applicable provisions under the LPSC rules. However, some beneficiaries are requesting NTPC to refrain from selling of the URS power in DAM.

NTPC suggested that the beneficiaries should comply with the provisions of the above.

NTPC may explain. Members may discuss.

Deliberation in the meeting:

Mock run for Section-F of LPSC rules was in progress for more than previous 6 months. Number of meetings were organized by NLDC in the past to deliberate on the issue. But none of the beneficiaries raised the issue of refraining NTPC from selling of URS power in DAM. As per decision already taken, Section-F of LPSC rules is going to be operationalized w.e.f. 1st July'2025. All concerned in this regard are requested to cooperate and comply as per the provision under rules.

AGENDA B5: ER- 2 POWERGRID

(A) Sharing AMR system application web client access with Utilities- pilot testing / roll out for WBSETCL Utility

In the present landscape of AMR system in ER, all SEM data from different utilities reports to the central AMR system at ERLDC. This data transmission happens over secure LAN based channel. The AMR application operates at ERLDC, and the GUI of the application is accessible only for ERLDC users. However, there have been multiple discussions happened on sharing the application access of AMR to the SLDC.

Sharing of AMR system access outside of ERLDC network requires certain network level upgradation for strengthening the security. Upgradation of AMR network to Layer3/Layer4 project was ongoing since Jan-25 and the same has completed now for all the SLDCs. Hence, in the present network setup, the AMR data sharing with other SLDC may be envisaged.

For a pilot testing & rollout, AMR data sharing will be done for WBSETCL Meters. At present, 59 number of Meters (at 20 Sub stations) are connected to AMR system for WB utility. To provide the GUI access for end users at SLDC-Howrah location, a separate customized AMR application will be developed. This application will be hosted at central server of ERLDC, and the web client access will be provided over the exiting LAN setup and the already installed router at SLDC station. Following are the features which will be provided in the application (only for the Meters belongs to WBSETCL Utility, connected with the existing AMR system).

- System Dashboard for SEM communication status.
- SEM data view block-wise for Load Survey and Midnight. (Load Survey depends upon LS frequency, 15 min and/or 05mins)
- Instant data of SEM
- Meter information
- Reports
    - NPC report (for both 15 min and/or 05 min)
    - SEM block-wise data Report
- Role based access will be provided for 03 users.
- System Audit trail and user log maintenance.
- On-boarding/Off-boarding of users.
- Application Audit/Assessment

System/Desktop at SLDC location needs to be arranged by the respective utility.

The initial planning has been done for WB utility due to better connectivity and local presence of delivery center. As this will be for the first time, multiple testing and Application Development Life Cycle phases to be designed/implemented for a hassle-free rollout.

Project timeline will be total 03 months (Development, Testing & go-live) from award of the Order. Tentative cost involvement for this job will be 11,09,586 INR (without taxes). The first level of development/roll-out for WB has been planned as a pilot basis mode. An optimized and a minimal effort has been considered for optimal cost adjustment.

Once successful completion and go-live of the project for WB utility happens, the same will be planned for other 04 SLDC users (SIKKIM, Odisha, Bihar and Jharkhand) and system upgradation will be done accordingly. Additional Servers and licenses to be procured for the next phase of development along with necessary application module implementation. Additional hardware is required to physically isolate the SLDC application and database from the existing setup of the ERLDC to avoid any un-precedent scenarios. These additional hardware/servers will be installed at ERLDC Data Centre but will be isolated from the existing setup through firewall interface. During the development, separate application module will be developed for all different SLDC users. There will be access control mechanisms to give access only to the SEMs which belongs to that particular SLDC. Features and reports mentioned above, will be provided.

For the initial pilot rollout for WB, this will be done in the existing system/servers at ERLDC. However, when the development will start for other 4 SLDC, application for WB will be migrated to the new Servers/System.

For the next phase of development and data sharing with SLDCs, tentative cost involvement will be 1,01,91,178 INR without taxes. (22,59,420 INR will be for additional Hardware/Software and 79,31,758 INR will be for new Application development for 04 SLDC users.) Tentative timeline will be 6 months for project completion from the date of order.

This will be one time cost for the development and roll-out. PGCIL will discuss with M/S TCS for carrying out this job based upon approval.

Powergrid ER-II may explain and members may discuss.

Deliberation in the meeting:

Powergrid considered to take up the project after repeated request by some of the SLDCs in various forum of ERPC for viewing AMR data at various SLDC level.

Powergrid had assured to carry out the same after completion of Network Upgradation (From Layer-2 to Layer-3/4). As the network upgradation works are already completed, now, as per commitment, Powergrid proposed for the implementation of instant feature at the SLDC level of ER.

The data sharing of existing AMR system will be planned for 05 SLDC (West Bengal, Sikkim, Odisha, Bihar and Jharkhand) and DVC as well. The mechanism and development process will be same as mentioned in the CCM agenda. Forum agreed for pilot implementation at West Bengal SLDC.

Timeline for this job completion will be 09 months total. (First 03 months for WB, next 06 months for other utilities). The total cost of ownership for the job will be Rs. 1,25,66,848/- without taxes. (Rs. 22,59,420/- will be for additional Hardware/Software and Rs. 1,03,07,428/- will be for new Application development for 05 SLDC and DVC users).

As the original system is designed & maintained by M/S. TCS, Powergrid proposed to carry out the implementation through M/S. TCS on nomination basis and entire job will be implemented on consultancy mode by Powergrid. Post completion, Powergrid shall charge prevailing consultancy charges (15%) like other projects, and after execution exact cost implications shall be intimated.

Forum agreed with the proposal as it will enable various SLDC's to view Energy data as presently viewed by ERLDC. Further, on query of West Bengal, Powergrid clarified that, entire scheme will be implemented on secured LAN only and no public IP will be used as per prevailing IT policy.

CCM Forum in principally agreed with the proposal in view of upgradation of feature and recommended for consideration and approval of 54th TCC.

(B) Planning of a Disaster Recovery (DR) site for AMR system in Eastern Region

The present AMR system is getting operated from ERLDC central location. The data centre setup along with necessary hardware/software are installed at ERLDC location. The SEM data is very crucial for carrying out the accounting and settlement on weekly basis.

To improve the system redundancy, it is recommended to have a Disaster Recovery (DR) centre for AMR system. The DR site will be installed at Malda-PG station. This location will be a different seismic zone and 300km away from the Data Centre. Data replication between the DC and DR will be happening over the existing LAN/FO setup. If there is any unprecedent issue takes place at DC site of AMR, the web client access of end users will be redirected to the DR site and the AMR application can be accessed which operates at DR sites. All the data dumping process will be carried out from the DR location until the DC gets live. The DR site will be working as a child node of the Data Centre on normal condition. Required network level security mechanism will be applied to ensure that there is no data communication happened from the DR to DC (it will always be DC to DR). The SOP for DR operation (drills, Audit, Failover Testing, Performance Monitoring etc.) will be decided later with ERLDC and ERPC.

Following activities will be done for the DR site implementation at Malda-PG

- Installation of Firewall and other required Networking Devices
- Installation of Rack Servers and Other required software licenses
- Installation of AMR application for ERLDC
- Installation of AMR application for SLDC users
- Configuration and tuning of the application/database to be in synch with the Data Center System over LAN.
- Impose of network level security and hardening of system
- Testing of AMR application (at DR) accessibility from ERLDC location.
- Monitoring and Maintenance
- Periodic failover drill assessment between DC & DR

Project timeline will be total of 04 years. 06 months implementation, 06 months warranty and 03 years AMC support.

Total cost of ownership will be: 1,65,37,163 INR (without GST). 76,09,991 INR for hardware supply, 29,91,379 INR for implementation and warranty Services and 59,35,793 INR for 36 months AMC support. PGCIL will discuss with M/S TCS for carrying out this job based upon approval.

Powergrid ER-II may explain and members may discuss.

Deliberation in the meeting:

As per present architecture, there is no data backup policy in place for AMR data at ERLDC. However, as per standard guideline (CERT-In), in policy measures (Vide Policy 3.5), Preparation, test and implementation of Business Continuity Plan (BCP) and Disaster Recovery (DR) plan is mandatory.

In line with above, to maintain proper data back up and business continuity, DR site of entire AMR receiving infrastructure was proposed. Also, as per defined policy of keeping DR site in different seismic zone than of DC, Powergrid proposed to keep the same at Powergrid /Malda SS.
On enquiry from West Bengal, Powergrid responded that data backup is not an option in today's IT environment rather it is mandatory for maintaining transparency and keeping ready the system for any eventuality (Like Fire hazard or massive earth quake, etc).

Project timeline will be total of 04 years. 06 months implementation, 06 months warranty and 03 years AMC support.

Total cost of ownership will be: Rs. 1,65,37,163/- (without GST). Rs. 76,09,991/- for hardware supply, Rs. 29,91,379/- for implementation and warranty Services and Rs. 59,35,793/- for 36 months AMC support.

As the original system is designed & maintained by M/S. TCS, Powergrid proposed to carry out the implementation through M/S. TCS on nomination basis and entire job will be implemented on consultancy mode by Powergrid. Post completion, Powergrid shall charge prevailing consultancy charges (15%) over and above to actual project cost, like other projects in ER executed for AMR, and after execution exact cost implications shall be intimated to forum with required auditor certificates.

CCM Forum in principally agreed with the proposal in view of upgradation of feature and recommended for consideration and approval of 54th TCC.

(C) Cost recovery against AMR expenditures in ER from 01.07.2023 to 31.03.2025 for various phases of implementation and associated activities pertaining to Software/Hardware refreshment and upgradation of AMR.

POWERGRID is entrusted for implementation and subsequent maintenance/troubleshooting of AMR system in entire Eastern Region. For implementation of various phases of AMR and further H/W software refreshment program and migration from GPRS to LAN as per cyber security guidelines, multiple LOAs placed by POWERGRID. On 19.06.2023, updated AMR system with Software/Hardware refreshment, done completely with all necessary cyber security compliances.

Moreover, now all concerned sites are connected with LAN only which is as per cyber security guideline. In Mar-24, AMR Phase5 LOA was awarded to integrated new SEMs with the existing AMR system and automate the Meter data over LAN network.

As POWERGRID has already incurred the expenditures or provisioned for subject heads (LOA placed and liability created), entire amounts required to be recovered for budget balancing.

As per minutes of 50th CCM, 51st TCC & 51st ERPC Meeting, the last approved value of AMR expenditure was Rs. 7,87,31,547/-. The period of this approved cost was considered from Mar-2019 till Jun-2023.

Now for balance expenditure done in between 01.07.2023 to 31.03.2025 are reproduced below for reference, which will be recovered along with associated consultancy fees and applicable GST.

Details of expenditures from 01-Jul-23 till 31-Mar-25 in phased manner are given below:

Project	**LOA#/ SAP PO**	**Total Expenditure (from 01-Jul-23 till 31-Mar-25)**
AMR Phase-4 (AMC Contract)	ER-II/KOL/CS/I-2446/P-2420/1929 Dated: 20-Jul-2020, ER-II/KOL/CS/I-2446/P-2420/AMENDII/ 4374 Dated: 05-Jul-2021/ER-II/KOL/CS/I-2446/P-2420/AMEND-III/6493 Dated: 07-Jun-2022 **(SAP PO- 5100032889)**	41,09,767.72
AMR Phase-1&2 AMC renewal	ER-II/KOL/CS/I-2724/P-2702/4285 Dated: 02-Jun-2021 (**SAP PO- 5100035446**)	1,85,40,957.68
AMR Phase-3 AMC renewal for 249 SEM	ER2/NT/SAMC/DOM/E00/22/00692/1000000986/I-3645/P-3556/8045 **Dated** 29.12.2022 **(SAP PO- 5200059035)**	67,94,673.64
AMR Phase-5 for 320 SEM	ER2/NT/W-MISC / DOM /E00 /24 /03816 /1000022907/I-4329/P-4156/9801 Dated 14.03.2024 (**SAP PO- 6800012472**)	2,40,24,045.96
TOTAL		5,34,69,445
Consultancy Fees @ 15%		80,20,417
GST on Consultancy Fees @ 18%		14,43,675
Grand Total		**6,29,33,537**

As per above list, total Rs. 6,29,33,537/- (Rs. Six crores twenty-nine lacs thirty-three thousand five hundred thirty-seven only) required to be recovered from ER constituents against expenditure done from 01-Jul-2023 till 31.03.2025.

It is proposed to approve the recovery amount, and recovery may be done from concerned beneficiaries (DIC's) w.r.t RTA billing for the month of March-2025.

During claiming of bill/invoicing to respective constituents, POWERGRID will provide, necessary auditor certificates.

Powergrid ER-II may explain and members may discuss.

Deliberation in the meeting:

Powergrid representative explained the details cost incurred under various projects of AMR and equivalent amount already incurred for the same are given in above table. Further during actual billing, necessary auditor certificate will be provided.

Further, add to above, unrecovered AMR related expenditures of amount Rs. 30,76,130/- (Including all), vide 41st TCC Meeting, also to be added to the total cost. As per proposed methodology, in 40th CCM, IPP cost to be recovered against ex-bus generation, however, the same could not be finalized due to shortage of data at that period and now, it is proposed to add the same in the main cost for recovery purpose.

Considering all, total recovery cost comes to Rs. 6,60,09,667/- (including the unrecovered Rs. 30,76,130/-).

Further Forum also agreed to recover the same from concerned beneficiaries (DIC's) w.r.t RTA billing for the month of July-2025.

CCM Forum in principally agreed and recommended for consideration and approval of 54th TCC.

(D) Diversion of 315 MVA Spare ICT from Jamshedpur to Subhasgram

In recent past it is observed that due to unprecedented loading and adjoining affects, accelerated ageing is observed in existing 315 MVA ICT-I of Subhasgram SS.
At present there is no 315 MVA spare available at POWERGRID-ER-II and in case of any contingency it will be very difficult to handle the crisis as Transportation at Subhasgram is a very big challenge always. POWERGRID has proposed for a fresh 315 MVA spare for ER_II but in earlier references (ERPC meeting), the same was denied and as such at present, to handle the contingency it is planned to bring the available 315 MVA spare of Jamshedpur to Subhasgram SS. The spare will be available at Subhasgram SS and in case of any problem in any existing asset of POWERGRID, the same shall be used.

Considering the criticality of the transportation following points was raised by Powergrid in the 227th OCC for discussion and approval:

- ☐ In principle approval for diversion of existing 315 MVA spare of Jamshedpur to Subhasgram SS.
- ☐ All necessary transportation and storing cost for relocation of spare will be booked in original project cost for further capitalization.

As per 227th OCC deliberation:

- ✓ Powergrid submitted that 315 MVA ICT 1 of Subhasgram s/s needs urgent replacement. As of now there is no fresh spare 315 MVA ICT.

- ✓ Powergrid Proposed for diversion of existing 315 MVA spare ICT at Jamshedpur to Subhasgram.
- ✓ WB SLDC representative intimated that they need to review the proposal of Powergrid and revert in a week time.

OCC Decision

OCC technically agreed with proposal of Powergrid. However, Powergrid was advised to place the proposal in the next CCM along with cost estimate and views of WB SLDC.

Powergrid ER-II may update. Members may discuss.

Deliberation in the meeting:

WBSETCL stressed upon the importance of Subhasgram Substation and in ensuring the healthiness of all ICT's to avoid any grid disturbance and affecting the reliability. Considering, the issues observed in 315MVA ICT-I at Subhasgram SS, WBSETCL opined the need of maintaining healthy spare available at Subhasgram itself, moreover, transportation of any ICT to Subhasgram is very critical and forum agreed for early action such that adequate time for transportation could be arranged by Powergrid.

WBSETCL also stressed upon the fact that considering the criticality & loading of Subhasgram SS, it is prudent that the spare under discussion for Subhasgram, must be a new/Fresh ICT, like Jamshedpur and not the refurbished one, like Durgapur.

The matter was deliberated regarding the relocation of available Regional spare 400/220KV,315MVA ICT from Jamshedpur to Subhasgram SS. PG informed that the transformer will be kept under cold spare and its residual life will be around 5 years more.

The criticality of transportation was discussed and as informed by POWERGRID estimated cost for multi-modal transportation of the said ICT shall be around Rs. 4 crore approx.

The required transportation cost shall be capitalized suitably in original Spare ICT package and will be recovered as per prevailing guidelines.

Member Secretary stressed for maintaining stock of spare transformers at state level also following the CEA guidelines.

CCM Forum in principally agreed and recommended for consideration and approval of 54th TCC.

AGENDA B6: ER-1 POWERGRID

(A) Status of Outstanding dues more than 45 days:

Sl No	Name of DIC's	Total Outstanding Dues (in Cr.)	Outstanding Dues more than 45 days (in Cr.)
(i)	West Bengal State Electricity Distribution Company Ltd. (WBSEDCL)	**403.1**	**236.76**

(ii)	India Power Corporation Limited(100 MW)	**15.91**	**11.42**
(iii)	India Power Corporation Limited(99.95 MW)	**4.11**	**1.21**
(iv)	West Bengal State Electricity Transmission Company Ltd. (WBSETCL)	**28.91**	**28.91**
(v)	Odisha Power Generation Company Limited (OPGCL)	**11.11**	**11.11**
(vi)	Jharkhand Urja Sancharan Nigam Ltd. (JUSNL)	**7.19**	**7.19**
	Total	**470.33**	**296.6**

Powergrid ER-I may explain. Members may discuss.

Deliberation in the meeting:

Committee noted the concern of Powergrid on payment issue. All the concerned defaulters were requested to clear their dues in time.

(B) Non-Opening of requisite amount of LC:

(i) The following constituents are required to enhance / extend LC towards Payment Security Mechanism, as per ***Annexure-8*** of 8.2 of Para 8.0 of BCD Procedure and CERC Regulations:

I No	**Name of DIC's**	**Required Value of LC (in Cr.)**	**Present Value of LC (in Cr.)**
(i)	India Power Corporation Ltd. (99.95 MW)	**9.93**	**0**
(ii)	India Power Corporation Ltd. (100 MW)	**7.193**	**0**
(iii)	Sikkim	**3.012**	**0**
(iv)	North Bihar Power Distribution Company Limited (NBPDCL)	**90.98**	**9.73**

(v)	South Bihar Power Distribution Company Limited (SBPDCL)	**106.52**	**15.27**
(vi)	Jharkhand Bidyut Vitran Nigam Ltd (JBVNL)	**31.42**	**11.52**

- Letter of Credit (LC) to be opened in favor of ***CTUIL*** **for POC** ***& Powergrid*** towards ***Non-POC*** Billing**.**

Powergrid ER-I may elaborate. Members may discuss.

Deliberation in the meeting:

Committee noted the concern of Powergrid. All the concerned entities were requested to open the LC of requisite amount in time.

(C) Non-payment of RTDA bills:

The following DIC's are not paying RTDA bills:

Sl No	Name of DIC's	Outstanding dues	Remarks
(i)	West Bengal State Electricity Distribution Company Ltd. (WBSEDCL)	**236.76 Cr.**	Outstanding dues of INR 1.20 Cr. pending for long period, INR 2.91 Cr. (bill dtd. 09.12.22), INR 5.65 Cr. (bill dtd. 10.05.23), 192.48 Cr (bill dtd 13.12.23), 34.23 Cr (Bill dtd 28.05.24) & 0.2975 Cr (Bill dtd 18.11.24) against RTDA bills are pending despite of several follow up.

Powergrid ER-I may update. Members may discuss.

Deliberation in the meeting:

Committee noted the concern of Powergrid on payment issue. All the concerned defaulters were requested to clear their dues in time.

(D) List of Assets during January'25 - May'25 of Eastern Region (ER)

A	***Strenghthening of OPGW Network within the ER Grid and Connectivity with other Region***	**DOCO**	**Remarks**	**Region**
1	Farakka-Sagardighi-Subhashgram OPGW Link (OPGW Network - 331.096 KM)	19-12-2024	DOCO Letter Dtd. 29.01.2025	ER-II
B	***Upgradation of SCADA/RTUs/SAS in Central Sector stations and Strengthening of OPGW network in Eastern Region***	**DOCO**	**Remarks**	**Region**
2	RTU Upgradation works at 05 locations (400/220kV Jeypore, 400/220kV Baripada, 400/220 kV Indravati, 400/220 kV Rourkela, 400/220 kV Rengali) and Hardware/License Upgradation work at 500kV HVDC Talcher	20-12-2024	DOCO Letter Dtd. 18.01.2025	ODP
3	Commissioning of RTU (Remote Terminal Unit) at 03 locations (400kV Muzaffarpur, 400kV Jamshedpur, 400kV Biharsharif Substation)	12-09-2024	DOCO Letter Dtd. 20.01.2025	ER-I
4	Upgradation of SAS (Substation Automation System Hardware/License Upgradation at 01 no location (400 kV Berhampore SS)	02-01-2025	DOCO Letter Dtd. 21.02.2025	ER-II
5	Upgradation of 01 no RTU at 400/220 kV Subhashgram and 400/220kV Maithon SS	05-03-2025	DOCO Letter Dtd. 17-03-2025	ER-II
6	Commissioning of RTU (Remote Terminal Unit) at 01 locations (400kV Purnea Substation)	11.02.2025	DOCO Letter Dtd. 08-05-2025	ER-I
7	Commissioning of RTU (Remote Terminal Unit) at 01 locations (Sasaram HVDC Substation)	02-04-2025	DOCO Letter Dtd. 19-05-2025	ER-I

C	***Communication System under Eastern Region Fibre Optic Expansion Project (additional Requirement)***	**DOCO**	**Remarks**	**Region**
8	Rangpo-Chuzachen OPGW Link (OPGW Network - 20.727 KM)	22-12-2024	DOCO Letter Dtd. 20-01-2025	ER-II
D	***Requirement of additional FOTE for redundancy at AGC locations in ER***	**DOCO**	**Remarks**	**Region**
9	Commissioning of FOTE (Fiber Optic Terminal Equipment) at following locations Barh, KBUNL, NabinagarStage I, Northkaranpura, Rangit	11-09-2024	DOCO Letter Dtd. 06-02-2025	ER-I
E	***Eastern Region Expansion Scheme (ERES) - XXXIII***	**Trial Operation**	**Remarks**	**Region**
10	Reconductoring of Rangpo-Gangtok 132kV D/C Line with HTLS conductor of ampacity of 800 A (at nominal voltage level) Upgradation of CTs at Gangtok end in both circuits of Rangpo-Gangtok 132kV D/C line, with rating commensurate with ampacity (800A) of HTLS conductor	05-03-2025	Letter Dtd. 07-03-2025	ER-II
F	***Eastern Region Strengthening Scheme (ERSS) - XXV***	**DOCO**	**Remarks**	**Region**
11	220kV GIS Bus at Banka(PG) S/s 400/220 kV, 2 X 500MVA ICTs (ICT – 4 & 5) along with associated 400kV AIS bays & 220kV GIS bays at Banka 220kV GIS Banka-Goradih – 1 & 2 Line Bays at Banka 220kV GIS Bus Coupler Bay at Banka	06-11-2024	DOCO Letter Dtd. 30-01-2025	ER-I

G	*Eastern Region Expansion Scheme (ERES) - XXXI*	Trial Operation	Remarks	Region
12	Installation of new 420Kv,1X63 MVAr line reactor at Maithon-A-Kahalgaon-B ckt1 line along with new 500 Ohm NGR(with NGR bypass arrangement for operation of line reactor as bus reactor)	15.04.2025	DOCO Letter Dtd. 23.05.2025	ER-II
H	***OPGW Laying work on 4kV Bokaro A-Kodarma line***	**Trial Operation**	**Remarks**	**Region**
13	Bokaro A-Kodarma OPGW Link	31.03.2025	DOCO Letter Dtd. 03.06.2025	ER-I

Revocation of DOCO (January'25-May'25)

`I	*ERSS-XX*	Revocation letter Date	DOCO date	Region
14	Reconductoring of Rangpo-New Silliguri 400 kV D/C line with Twin HTLS conductor and modification of 400 kV bay equipment's at New silliguri Substation under ERSS -XX	07-04-2025	31-02-2021	ER-II
15	Reconductoring of 220 kV D/C New Purnea -Purnea Ckt-I & Ckt-II Transmission line along with mofifications of 220 Kv bays equipment's at New Purnea and Purnea S/S	21-04-2025	31-12-2019	ER-I
J	***ERSS-XVII-B***	**Revocation letter Date**	**DOCO date**	**Region**
16	Reconductoring of Maithon RB-Maithon 400kV D/C line along with modifications/additions with modifications in bay equipment at both end of the line viz. Maithon 400/220 kV substation of POWERGRID and generation switchyard of Maithon RB.	07-04-2025	08-08-2023	ER-II

Powergrid ER-I may update/explain. Members may discuss.

Deliberation in the meeting:

Members noted.

AGENDA B7: ERLDC

(A) Replacement/Testing of SEM in Eastern Region:

The present status of meters at Eastern region are tabulated below-

	Genus-1- Series			Genus-2-series			LnT			Secure		
	Main	Check	Standby	Main	Check	Standby	Main	Check	Standby	Main	Check	Standby
IPP & Other Generator	5	5	23	11	7	21			5			
Bhutan	4	0	2	17	11	21	1	1	0			
Bihar	5	2	32	14	0	10	7	0	34			
DVC	2	4	3	17		4						
Gridco	8		19	6		3	2	1	15	1		
Jharkhand	6		11	4		3	3		6			
NTPC & NHPC	25	27	67	61	49	29	6	7	19			
ISTS	167	8	338	46	6	73	44	3	146	9	1	16
Nepal			2			6						
Sikkim	1			1	2		2					2
WB	12	1	11	20	3	8			2			
Total	**235**	**47**	**508**	**197**	**78**	**178**	**65**	**12**	**227**	**10**	**1**	**18**
Total MAKE	**790**			**453**			**304**			**29**		

Observations on different meter makes are given below.

1. Genus one-series meters (790 no.)
   a. Old & more than five years.
   b. Huge time drift occurred during element outage on account of shutdown/tripping due to issue with the back-up power (battery) embedded with the meter. Onsite bulk time correction required after every shutdown which need continuous monitoring & there are always chances of human error. Also, if Main, check & standby are of same make, the time drift error specially in case of shutdown, cannot be detected through pair check.
   c. Give abrupt reading during light load conditions like reverse direction, zero power flow etc.
   d. Frequent resetting of mid-night registers where cumulative readings become zero.

2. LnT meters (304 no.)
   a. Very Old & more than ten years.
   b. Bulk time correction (more than 1 min) is not possible. Drift has to be corrected one minute per week.

3. Genus two-series meters (453 no.): Some are of more than five years old.

The extract from CEA metering regulations clause 18.1(b) as amended in 2019 is quoted below:
Quote..

"18. Calibration and periodical testing of meters. –

(1) (b)All Interface Meters shall be tested on-site using accredited test laboratory for routine accuracy testing at least once in five years and recalibrated if required. Provided that these meters shall also be tested whenever the energy and other quantities recorded by the meter are abnormal or inconsistent with electrically adjacent meters."

Unquote..

Meters of more than five years is to be tested else alternate arrangement like replacement is necessary to maintain accuracy in accounting.

The replacement of LnT meters was initiated in 2022, and approximately 200 out of 500 meters have been replaced to date. However, around 300 LnT meters are still in service as of now & expedite replacement is required. Refer to 223rd OCCM minutes dated 24.01.2025 agenda no. 2.7, where the forum gave the decision to replace these meters with newly procured Secure make meters (350 no.) & 130 meters (approx.) has to be kept from existing stock of secure & genus-2 series as buffer stock.

Genus one series meters are also old meters & testing is necessary inline with metering regulations. Also, they are having lot of issues as mentioned above & therefore forum is requested to take necessary measure like earliest replacement or testing to maintain accuracy in accounting.

Members may discuss for additional procurement/testing of meters to resolve the above cited issues along with future requirements for upcoming projects.

Deliberation in the meeting:

West Bengal raised concern on the issue of replacement of various types of meters, particularly of Genus make meters. They apprehended that issues related to maintenance is the root cause of the problems which replacement of the meters may not solve.

Committee advised ERLDC to address the concern of West Bengal and take appropriate measures.

(B) Default Details of Constituents pertaining to Deviation, Legacy, Deficit recovery Charges

The details of major defaulters as on 10.06.2025 considering the ERPC bills dated 05/06/25 (Wk- 19/05/25 to 25/05/25) for DSM charges along with Legacy Dues and Deficit Recovery Charges are tabulated below.

Bihar:

	Bihar
DSM (in Cr)	₹ 7.31 Cr /-
LC for DSM	No Valid LC available

Legacy dues (as on 16.01.25)	₹ 99.02 Cr (Instalment 3 to 17)
Deficit recovery Statement (post 16.09.25) dated 13.01.25	₹ 9.28 Cr /-

Sikkim:

	Sikkim
DSM (in Cr)	₹ 36.2 Cr /-
Legacy dues (as on 16.01.25)	₹ 23.39 Lakhs (Instalment 15 to 17)
Deficit recovery Statement (post 16.09.25) dated 13.01.25	₹ 14.66 Lakhs /-

Further, the details of other pool members are enclosed as **Annexure-I** and **Annexure-II.** Bihar & Sikkim may confirm the schedule for payment of outstanding dues.

Deliberation in the meeting:

Committee noted the concern of ERLDC on payment issue. All the concerned defaulters were requested to clear their dues in time.

(C) Opening of LC by ER constituents for DSM payments

The details of LC amount required to be opened, as per ERLDC letter dated 28/04/2025, for default in FY 2024-25 by ER constituents is given in table below:

Sl No	ER Constituents	LC Amount (110% of Average weekly Deviation Charge liability) in ₹	Due date of expiry	Remarks
1	BSPTCL	₹ 3,88,04,383	NA	No Valid LC
2	JUVNL	₹ 2,39,25,516	NA	No Valid LC
3	CHUZACHEN	₹ 3,05,670	NA	No Valid LC
4	GMR	₹ 4,73,233	NA	No Valid LC
5	JIPL	₹ 19,42,272	NA	No Valid LC
6	JLHEP	₹ 73,137	NA	No Valid LC

7	NVVN-Nepal	₹ 2,09,16,822	NA	No Valid LC
8	NVVN-NEA-Bihar	₹ 61,14,231	NA	No Valid LC
9	BRBCL	₹ 17,61,310	NA	No Valid LC
10	PGCIL-Sasaram	₹ 49,044	NA	No Valid LC
11	Dikchu	₹ 35,857	NA	No Valid LC
12	THEP	₹ 1,50,843	NA	No Valid LC
13	RONGNICHU HEP	₹ 43,698	NA	No Valid LC
14	East Central Railway	₹ 9,92,335	NA	No Valid LC
15	IBEUL	₹ 2,14,40,747	NA	No Valid LC

Further, the details of other pool members are enclosed as ***Annexure-III.***

Deliberation in the meeting:

Committee noted the concern of ERLDC. All the concerned entities were requested to open the LC of requisite amount in time.

(D) Status of PSDF:

No amount from the Deviation and Reactive Pool account was transferred to PSDF after 5th December 2023. The total amount of around **₹ 2187.32 Cr** has been transferred to PSDF so far. The breakup details of fund transferred to PSDF (till 10.06.25) is enclosed in ***Annexure IV.***

This is for information to the members.

Deliberation in the meeting

Members noted.

(E) Reconciliation of Pool accounts:

The reconciliation statements of DSM, Reactive, TRAS, SRAS and SCUC charges are being issued by ERLDC on quarterly basis and statements are being sent to the respective constituents and also being uploaded at ERLDC website at https://newwebsite.erldc.in/marketoperation/dsm/dsmreconcilation. The status of reconciliation as on 10.06.2025 is enclosed in ***Annexure- V and VI***.

Constituents are requested to take necessary action for the signing of pending reconciliation statements.

Deliberation in the meeting:

All the concerned entities were requested to do the needful in timebound manner.

(F) Temporary General Network Access (T- GNA)

1. For TGNA payments made to CTU:

The reconciliation statements of TGNA payments of Q-4 for FY 24-25 has been sent to CTU on 25.04.2025 and also uploaded the same at ERLDC website at https://newwebsite.erldc.in/marketoperation/tgna/reconciliationctu . The constituent was requested to verify /check the same & comment (if any) to ERLDC at the earliest.

The status of reconciliation is enclosed in ***Annexure- VII.***

Constituents are requested to update the status of reconciliation.

Deliberation in the meeting:

All the concerned entities were requested to do the needful.

2. For Payments made to TGNA Applicants:

The reconciliation statements of TGNA payments for the period of Q-4 for FY 24-25 have been sent to the BSPHCL, GMRETL, GRIDCO, JSL, APPCPL, DCBL(RCW), HPX, IEXL, IPCL, ITC KOL, NALCO-OD, PXIL, TPTCL, PCW, UCL-ULTSLDCD47, UCL-CUTTACK, UCL-WB & ACC BARGARH on dated 25.04.2025 and also uploaded the same at ERLDC website at https://newwebsite.erldc.in/marketoperation/tgna/reconciliationapplicant .The constituents were requested to verify /check the same & comment (if any) to ERLDC at the earliest.

The status of reconciliation is enclosed in ***Annexure-VII.***

Constituents are requested to update the status of reconciliation.

Deliberation in the meeting:

All the concerned entities were requested to do the needful.

(G) Fees and Charges of ERLDC

The reconciliation statements of FnC payments by registered users of ERLDC have been sent up to the period of Q4 of FY 2024-25. The same is also available at FnC portal https://fc.posoco.in/FnCWeb/#/landing. Many of the users are yet to sign the reconciliation statement. The constituents were requested to verify /check the same & comment (if any) to ERLDC at the earliest.

The status of reconciliation is enclosed in ***Annexure- VIII.***

Constituents are requested to update the status of reconciliation.

Deliberation in the meeting:

All the concerned entities were requested to do the needful.

No other points were raised for discussion.

Meeting ended with vote of thanks to chair.

****

Name	First Join	Email
ERPC Kolkata	6/13/25, 2:43:33 PM	ERPC@KolkataMST.onmicrosoft.com
Shouvik Banerjee	6/13/25, 2:45:18 PM	
kunal (Unverified)	6/13/25, 2:55:04 PM	
IPCL (Unverified)	6/13/25, 2:55:56 PM	
Meeting Guest (Unverified)	6/13/25, 2:56:00 PM	
ABHISHEK MURARI (External)	6/13/25, 2:56:35 PM	ABHISHEKMURARI@NTPC.CO.IN
Bidyut Saha (Unverified)	6/13/25, 2:57:34 PM	
Jipl Scheduling	6/13/25, 2:57:34 PM	jitplscheduling@jindalgroup.com
jitpl powersales	6/13/25, 2:57:34 PM	jitpl_powersales@Jindalgroup.com
Abhilash Gour (External)	6/13/25, 2:58:52 PM	abhilash.gour@dansenergy1.onmicrosoft.com
CE SLDC WB (Unverified)	6/13/25, 2:58:53 PM	
M Jain (External)	6/13/25, 3:01:23 PM	MANISHJAIN02@NTPC.CO.IN
Anurag Gupta (External)	6/13/25, 3:01:23 PM	ANURAGGUPTA@NTPC.CO.IN
ERLDC IT (External)	6/13/25, 3:01:24 PM	erldcit@erldc.onmicrosoft.com
Syed Iftekhar Anjum {सैयद इफ्तेखार अंजुम} (External)	6/13/25, 3:01:24 PM	iftekhar@powergrid.in
Subir Kumar Das (Unverified)	6/13/25, 3:01:28 PM	
STU JUSNL (Unverified)	6/13/25, 3:02:02 PM	
kunal (Unverified)	6/13/25, 3:02:02 PM	
S. BALLAV, ERLDC (Unverified)	6/13/25, 3:03:25 PM	
Akash Kumar Modi (External)	6/13/25, 3:03:25 PM	akmodi@erldc.onmicrosoft.com
RAKESH (External)	6/13/25, 3:03:25 PM	RAKESHKUMAR07@NTPC.CO.IN
Tejinder Pal Singh (External)	6/13/25, 3:03:25 PM	TPSINGH01@NTPC.CO.IN
MEENAKSHI GUPTA (External)	6/13/25, 3:03:26 PM	MKHANDELWAL@NTPC.CO.IN
Shiladitya Chatterjee (External)	6/13/25, 3:05:16 PM	shiladityachatterjee@adhunikpower.co.in
SAMIM MONDAL ERLDC (Unverified)	6/13/25, 3:06:22 PM	
GUEST (Unverified)	6/13/25, 3:07:23 PM	
Chitikena Abhijith {चिटिकेना अभिजित} (External)	6/13/25, 3:07:30 PM	ch_abhijith@powergrid.in
MS ERPC (Unverified)	6/13/25, 3:07:39 PM	
Preetam Banerjee (Unverified)	6/13/25, 3:09:26 PM	
Kritika Debnath (External)	6/13/25, 3:09:41 PM	kritika@erldc.onmicrosoft.com
Kunal (Unverified)	6/13/25, 3:10:47 PM	
Saibal Ghosh (External)	6/13/25, 3:11:29 PM	saibal@erldc.onmicrosoft.com
Commercial NB (Unverified)	6/13/25, 3:11:29 PM	
Nishant Kumar Shankwar	6/13/25, 3:12:18 PM	Nishant.Kumar@energy-sel.com
Subrat Swain (External)	6/13/25, 3:13:38 PM	subratswain@erldc.onmicrosoft.com
Partha Ghosh {पार्थ घोष} (External)	6/13/25, 3:15:22 PM	partha.ghosh@powergrid.in
Rakesh Kr Pradhan (External)	6/13/25, 3:15:22 PM	rkpradhan@erldc.onmicrosoft.com
Saswati Sarkar {सास्वती कुंडू} (External)	6/13/25, 3:15:44 PM	saswati.kundu@powergrid.in
Sanjay Kumar Sahu {संजय कुमार साहू} (External)	6/13/25, 3:18:26 PM	sksahu@powergrid.in
Bilash Achari (External)	6/13/25, 3:19:45 PM	bilash.achari@erldc.onmicrosoft.com
SLDC,ODISHA (Unverified)	6/13/25, 3:20:00 PM	
optcl (Unverified)	6/13/25, 3:21:09 PM	
Sakuntala Sahu {शकुंतला साहू} (External)	6/13/25, 3:23:13 PM	shakuntalasahu@powergrid.in
Bidyut Saha (Unverified)	6/13/25, 3:23:35 PM	
AJAYA KUMAR SAHU (Unverified)	6/13/25, 3:26:51 PM	
Prasant Kumar Senapathy (External)	6/13/25, 3:27:13 PM	Prasant.Senapathy@gmrgroup.in
Saswat, ERPC (Unverified)	6/13/25, 3:27:19 PM	
S K Moharana, GRIDCO (Unverified)	6/13/25, 3:30:43 PM	
RONGNICHU HEP (Unverified)	6/13/25, 3:34:02 PM	
Chinmoy GRIDCO (Unverified)	6/13/25, 3:37:37 PM	
Angul Substation (Unverified)	6/13/25, 3:38:35 PM	
A Basu (Unverified)	6/13/25, 3:39:22 PM	
Jyoti krishna (Unverified)	6/13/25, 3:39:48 PM	
Apoorva Prakash (External)	6/13/25, 3:42:04 PM	APOORVAPRAKASH@NTPC.CO.IN
KRITI MISHRA (External)	6/13/25, 3:43:13 PM	KRITIMISHRA@NTPC.CO.IN

Boda Bhoja {भोज बोडा} (External)	6/13/25, 3:45:20 PM	bhoja2290@powergrid.in
Ranajit Pal (External)	6/13/25, 3:53:33 PM	ranajitpal@erldc.onmicrosoft.com
Chandan Mallick (External)	6/13/25, 3:54:01 PM	chandan.mallick@erldc.onmicrosoft.com
Jay Raj	6/13/25, 3:57:23 PM	
Eshan Singh (External)	6/13/25, 4:21:46 PM	eshansingh@adhunikpower.co.in
Bidyut Saha (Unverified)	6/13/25, 4:22:45 PM	
Alok Pratap Singh (External)	6/13/25, 4:22:45 PM	apsingh@erldc.onmicrosoft.com
Sourav Mandal (Unverified)	6/13/25, 4:40:38 PM	
Manish yadav (Unverified)	6/13/25, 4:44:44 PM	
Manash Protim Nath (External)	6/13/25, 4:49:44 PM	mpnath@erldc.onmicrosoft.com
CE SLDC WB (Unverified)	6/13/25, 4:50:47 PM	
SAMIM MONDAL ERLDC (Unverified)	6/13/25, 5:01:39 PM	
Bidyut Saha (Unverified)	6/13/25, 5:13:51 PM	
suvro barua (Unverified)	6/13/25, 5:38:04 PM	
suvro barua (Unverified)	6/13/25, 6:07:05 PM	
suvro barua (Unverified)	6/13/25, 6:11:54 PM	
Deepak kumar aee com SBPDCL (Unverified)	6/13/25, 6:43:19 PM	

Annexure-I

SUMMARY OF DEVIATION CHARGE RECEIPT AND PAYMENT STATUS

BILL PUBLISHED UPTO 05-06-2025 (W-8 of FY 2025-26)
AS on 10-06-25

Figures in ₹ Lakhs

CONSTITUENTS	Net outstanding upto 2024-25	Receivable by Pool	Received by Pool	Payable From Pool	Paid From Pool	Outstanding for 2025-26	Total Outstanding
BSPTCL	245.32778	1,456.88024	0.00000	971.30348	0.00000	485.57676	730.90454
JUVNL	654.85756	196.93181	0.00000	1,039.65974	279.72415	-563.00378	91.85378
DVC	0.00000	471.38171	354.86357	363.33622	363.33622	116.51814	116.51814
GRIDCO	0.00000	845.57953	569.14256	632.26394	632.26394	276.43697	276.43697
WBSETCL	0.00000	475.50073	475.50073	4,157.15948	4,157.15948	0.00000	0.00000
Sikkim	3,053.44688	576.38090	0.00000	9.90592	0.00000	566.47498	3,619.92186
NTPC	21.32657	3,743.85806	3,231.35213	0.00000	0.00000	512.50593	533.83250
NHPC	0.00000	0.11147	0.11147	6.86849	6.86849	0.00000	0.00000
MPL	0.00000	0.00000	0.00000	140.78996	140.78996	0.00000	0.00000
APNRL	7.26068	88.37633	82.40108	0.34765	0.00000	5.62760	12.88828
CHUZACHEN	0.00000	52.56570	14.54897	0.00000	0.00000	38.01673	38.01673
NVVN-BD	0.00000	14.09368	4.27065	156.50699	156.50699	9.82303	9.82303
GMR	0.00000	42.28004	37.29183	0.22892	0.00000	4.75929	4.75929
JITPL	0.00000	84.17048	74.73910	43.66634	34.23492	0.00000	0.00000
TPTCL (Dagachu)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
JLHEP	0.00000	1.78284	1.78284	22.94315	22.94315	0.00000	0.00000
NVVN-NEPAL	0.00000	2,578.06939	2,546.16198	0.00000	0.00000	31.90741	31.90741
BRBCL	0.00000	166.75190	166.75190	0.00000	0.00000	0.00000	0.00000
PGCIL SASARAM	0.00000	1.97020	1.97020	1.06263	1.06263	0.00000	0.00000
SUL (Teesta-III)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Dikchu	0.00000	56.02082	42.26696	18.03749	18.03749	13.75386	13.75386
PGCIL-Alipurduar	0.00000	14.52486	6.40799	0.00000	0.00000	8.11687	8.11687
Tashiding(THEP)	0.00000	1.06639	1.06639	9.72094	9.72094	0.00000	0.00000
RONGNICHU	0.00000	0.00000	0.00000	40.21177	40.21177	0.00000	0.00000
NVVN-Bhutan	0.00000	339.22870	225.50699	277.14614	277.14614	113.72171	113.72171
ECR	0.00000	110.46073	98.99660	7.32986	7.32986	11.46413	11.46413
IBEUL	23.38087	8,480.25291	7,569.89077	28.21360	0.00000	882.14854	905.52941
NEA-Bihar	0.00000	724.97333	712.58876	66.24972	66.24972	12.38457	12.38457
Total	**4,005.60034**	**20,523.21275**	**16,217.61347**	**7,992.95243**	**6,213.58585**	**2,526.23274**	**6,531.83308**

Receivable: Receivable by ER Payable: Payable by ER POOL
Received: Received by ER P Paid: Paid by ER POOL
'- ve' Payable by ER pool '+ ve' Receivable by ER pool

Annexure - II

STATUS OF REACTIVE CHARGES

AS on 10-06-25

Figures in ₹ Lakhs

Name of Parties	Net outstanding upto 2023-24	Receivable Amount by pool	Received Amount by pool	Payable Amount by pool	Paid Amount by pool	Outstanding Amount Receivable(+Ve) / Payable by pool(-Ve)
Bhutan	0	3.79887	3.79887	3.31458	3.31458	0.00
Bangladesh	0	0.21083	0.02641	0	0	0.18
Nepal	0	1.88464	1.66948	0	0	0.22
NEA-Bihar	0	0.0077	0.0077	2.97195	2.97195	0.00
BSPHCL	0	-6.0863	0	49.3453	55.4316	0.00
JUVNL	0	14.72136	12.29982	0	0	2.42
DVC	0	0.69945	0.47318	0.32461	0.32461	0.23
GRIDCO	0	2.99805	2.99805	7.37276	7.37276	0.00
SIKKIM	-2.87868	0	0	0.77162	0	-3.65
WBSETCL	52.55326	18.93833	0	0	0	71.49
JITPL	0	0.01282	0	0.30757	0.30757	0.01
Alipurduar	0	0.02978	0.0175	0	0	0.01
Sasaram	-0.0012	0.03753	0.03753	0	0	0.00
MPL	0	0	0	0	0	0.00
APNRL	0	0	0	0.06639	0.06639	0.00
BRBCL	0	0	0	0.12078	0.12078	0.00
JLHEP	0.02096	0.04434	0.04956	0.04439	0.04439	0.02
Chuzachen	0	0.00325	0.00028	0	0	0.00
TUL	0	0	0	0	0	0.00
Rongnichu	0	0	0	0	0	0.00
THEP	0.06886	0.15181	0.16181	0.0263	0.0263	0.06
Dikchu	0	0	0	0.83206	0.83206	0.00
ECR	0.1492	1.14612	0.99173	0	0	0.30
GMR	0	0	0	0.89481	0.89481	0.00
IND_Bharat	0	0	0	1.72304	1.72304	0.00
NHPC	0	0.00374	0.00374	0.75032	0.75032	0.00
NTPC	0	0	0	68.07061	68.07061	0.00

Receivable: Receivable by ER POOl Payable: Payable by ER POOL
Received: Received by ER POOL Paid: Paid by ER POOL
'- ve' Payable by ER pool '+ ve' Receivable by ER pool

Annexure -III

Current Status of Letter of Credit (LC) amount against DSM charges for ER constituents

Figures in Lacs of Rupees

Sl No	ER Constituents	No. of weeks in which Deviation Charge payable	No of times payment was delayed during 2024-25	Total Deviation charges payable to pool during 2024-25	Average weekly Deviation Charge liability (C)/52 weeks	LC Amount 110% of (D)	Defaulting Weeks	Due date of expiry	Remarks
		(A)	(B)	(C)	(D)	(E)	(G)	(F)	(G)
1	Bihar State Power Holding Corporation Limited / बिहार	30	30	18343.89	352.77	388.04383	All Weeks		
2	Jharkhand State Electricity Board / झारखंड	39	39	11310.24	217.50	239.25516	All Weeks		
3	Power Deptt, Govt. of Sikkim / सिक्किम	31	31	1151.06	22.14	24.34939	All Weeks	29-11-2025	LC opened for ₹ 55,16,800 /-
4	Adhunik Power & Natural Resources Limited / आधुनिक शक्ति	51	51	394.10	7.58	8.33680	All Weeks	12-05-2026	LC opened for ₹ 8,33,680 /-
5	GI Hydro Private Limited/ चुजाचेन	29	14	144.50	2.78	3.05670	1, 3, 8, 9, 11, 16, 18, 23, 36, 39, 41, 44, 48, 51		
6	GMR Kamalanga Energy Limited / जीएमआर	34	31	223.71	4.30	4.73233	All Weeks except 27, 30, 46		
7	Jindal India Power Ltd. / जिंदल	32	7	918.16	17.66	19.42272	3, 5, 14, 15, 19, 40, 44		
8	DANS Energy Private Limited - Operation Retention Account / डेन्स ऊर्जा	10	10	34.57	0.66	0.73137	All Weeks		
9	NTPC Vidyut Vyapar Nigam Ltd-Nepal / एनटीपीसी-नेपाल	40	1	9887.95	190.15	209.16822	25		
10	NTPC Vidyut Vyapar Nigam Ltd- NEA-Bihar	32	3	2890.36	55.58	61.14231	23, 24, 25		
11	Bhartiya Rail Bijlee Company Ltd. /बीआर बीसीएल	38	2	832.62	16.01	17.61310	10, 52		
12	Powergrid Corporation Of India Limited-Sasaram / सासाराम	24	5	23.18	0.45	0.49044	5, 12, 13, 22, 24		
13	Sneha Kinetic Power Projects Pvt. Ltd./ दिकचू	6	2	16.95	0.33	0.35857	47, 50		
14	PGCIL-Alipurduar / अलीपुरदुआर	29	8	27.78	0.53	0.58773	1, 4, 9, 11, 12, 16, 33, 38	31-12-2025	LC opened for ₹ 96,036 /-
15	Shiga Energy Private / शिगा ऊर्जा	10	8	71.31	1.37	1.50843	All Weeks except 23, 24		
16	RONGNICHU HEP	7	2	20.66	0.40	0.43698	5, 10		
17	East Central Railway	52	2	469.10	9.02	9.92335	8, 18		
18	IBEUL	50	16	10135.63	194.92	214.40747	2, 5, 28, 30, 31, 32, 39, 40, 41, 44, 46, 47, 48, 49, 51, 52		

Annexure - IV

DETAILS OF DISBURSEMENT TO POWER SYSTEM DEVELOPMENT FUND

Sl No	Nature of Amount	Amount transferred to PSDF (Rs in Lac)	Date of Disbursement		Remarks
	Opening Balance (upto 31.03.2019)	95896.17			
1	Reactive Energy Charge	105.79202	04.04.19		Reactive Charges_18-19
2	Reactive Energy Charge	287.48448	03.05.19		Reactive Charges_18-19 & 19-20
3	Reactive Energy Charge	129.69559	03.06.19		Reactive Charges_19-20
4	Reactive Energy Charge	207.83840	04.07.19		Reactive Charges_19-20
5	Reactive Energy Charge	94.91703	02.08.19		Reactive Charges_19-20
6	Reactive Energy Charge	188.53681	02.09.19		Reactive Charges_19-20
7	Surplus DSM amount transferred	32210.51998	24.09.19		DSM Charges_19-20
8	Reactive Energy Charge	173.06004	01.10.19		Reactive Charges_19-20
9	Reactive Energy Charge	273.15002	01.11.19		Reactive Charges_19-20
10	Reactive Energy Charge	401.09564	04.12.19		Reactive Charges_19-20
11	Reactive Energy Charge	252.53573	02.01.20		Reactive Charges_19-20
12	Reactive Energy Charge	148.65520	07.02.20		Reactive Charges_19-20
13	Reactive Energy Charge	205.22437	04.03.20		Reactive Charges_19-20
14	Bank interest from Reactive acct	0.21706	03.04.20		Bank interest from Reactive acct
15	Reactive Energy Charge	843.03166	03.06.20		Reactive Charges_19-20 & 20-21
16	Reactive Energy Charge	507.80481	07.07.20		Reactive Charges_17-18,18-19 & 20-21
17	Reactive Energy Charge	309.41068	06.08.20		Reactive Charges_17-18,18-19 & 20-21
18	Reactive Energy Charge	83.23955	02.09.20		Reactive Charges_19-20 & 20-21
19	Bank interest of DSM A/C-TDS portion	251.65235	18.09.20		Bank interest TDS portion transferred from POSOCO,CC
20	Bank interest of DSM A/C-TDS portion	15.64788	22.09.20		Bank interest TDS portion transferred from POSOCO,CC
21	Reactive Energy Charge	118.85979	06.10.20		Reactive Charges_ 20-21
22	Reactive Energy Charge	101.42971	04.11.20		Reactive Charges_ 20-21
23	Reactive Energy Charge	82.34791	04.12.20		Reactive Charges_ 20-21
24	Reactive Energy Charge	500.95333	06.01.21		Reactive Charges of 19-20 & 20-21
25	Reactive Energy Charge	92.51486	03.02.21		Reactive Charges of 19-20 & 20-21
26	Reactive Energy Charge	50.22963	04.03.21		Reactive Charges of 19-20 & 20-21
27	Reactive Energy Charge	32.15331	07.04.21		Reactive Charges of 19-20 & 20-21
28	Reactive Energy Charge	39.59760	05.05.21		Reactive Charges of 19-20 & 20-21
29	Reactive Energy Charge	18.96069	01.06.21		Reactive Charges of 20-21 & 21-22
30	Reactive Energy Charge	392.24613	12.07.21		Reactive Charges of 20-21 & 21-22

31	Reactive Energy Charge	214.22298	22.07.21		Reactive Charges 21-22
32	Addl. Dev	392.94201	25.08.21		DSM Charges of 19-20 received from Jharkhand
33	Addl. Dev	5.99326	03.09.21		DSM Charges of 19-20 received from Jharkhand
34	Reactive Energy Charge	330.73064	09.09.21		Reactive Charges 21-22
35	Addl. Dev	1334.97939	23.09.21		DSM Charges of 20-21 received from Bihar
36	Addl. Dev	500.00000	27.09.21		DSM Charges of 20-21 received from Bihar
37	Addl. Dev	1500.00000	29.09.21		DSM Charges of 20-21 received from Bihar
38	Addl. Dev	500.00000	01.10.21		DSM Charges of 20-21 received from Bihar
39	Addl. Dev	1000.00000	05.10.21		DSM Charges of 20-21 received from Bihar
40	Addl. Dev	402.60050	05.10.21		DSM Charges of 20-21 received from Jharkhand
41	Reactive Energy Charge	131.05971	07.10.21		Reactive Charges 21-22
42	Addl. Dev	1000.00000	22.10.21		DSM Charges of 20-21 received from Bihar
43	Addl. Dev	1000.00000	26.10.21		DSM Charges of 20-21 received from Bihar
44	Addl. Dev	539.21266	28.10.21		DSM Charges of 20-21 received from Bihar
45	Reactive Energy Charge	224.70676	03.11.21		Reactive Charges 21-22
46	Reactive Energy Charge	366.25533	03.12.21		Reactive Charges 21-22
47	Reactive Energy Charge	5.33816	09.12.21		Interest Amount received in Reactive Account
48	Addl. Dev	489.56759	04.01.22		DSM Charges of 20-21 received from Jharkhand
49	Reactive Energy Charge	449.70232	04.01.22		Reactive Charges 21-22
50	Reactive Energy Charge	547.40910	04.02.22		Reactive Charges 21-22
51	Addl. Dev	7182.00679	08.02.22		Excess amount after clearing Wk-43
52	Addl. Dev	103.38490	28.02.22		DSM Charges of 20-21 received from Jharkhand and POSOCO CC (REC)
53	Reactive Energy Charge	22.28702	04.03.22		Reactive Charges 21-22
54	Reactive Energy Charge	978.22379	08.03.22		Reactive Charges 21-22
55	Reactive Energy Charge	502.63132	04.04.22		Reactive Charges 21-22
56	Addl. Dev	13586.90110	02.05.22		Addl Dev Charge 21-22
57	Reactive Energy Charge	91.67842	02.05.22		Reactive Charges 21-22
58	Addl. Dev	323.72543	17.05.22		DSM Charges of 21-22 received from Jharkhand
59	Addl. Dev	223.19034	31.05.22		DSM Charges of 21-22 received from Jharkhand
60	Addl. Dev	17070.55890	02.06.22		DSM charges
61	Reactive Energy Charge	104.77973	02.06.22		Reactive Charges 21-22
62	Addl. Dev	700.00000	10.06.22		DSM Charges of 21-22 received from Jharkhand and DVC (Bhutan)
63	Addl. Dev	230.65522	24.06.22		DSM Charges of 21-22 received from Jharkhand and DVC (Bhutan)
64	Addl. Dev	200.00000	28.06.22		DSM Charges of 21-22 received from Jharkhand
65	Addl. Dev	200.00000	01.07.22		DSM Charges of 21-22 received from Jharkhand
66	Reactive Energy Charge	491.14301	08.07.22		Reactive Charges 21-22 received from Bihar

67	Addl. Dev	200.00000	14.07.22		DSM Charges of 21-22 received from Jharkhand
68	Addl. Dev	900.00000	20.07.22		DSM Charges of 21-22 received from Sikkim and Bihar
69	Addl. Dev	300.00000	25.07.22		DSM Charges of 21-22 received from Jharkhand
70	Addl. Dev	200.00000	26.07.22		DSM Charges of 21-22 received from Jharkhand
71	Addl. Dev	400.00000	28.07.22		DSM Charges of 21-22 received from Jharkhand
72	Addl. Dev	553.96908	08.08.22		DSM Charges of 21-22 received from Bihar
73	Reactive Energy Charge	56.45017	08.08.22		Reactive Charges 22-23
74	Reactive Energy Charge	586.61896	07.09.22		Reactive Charges 22-23
75	Reactive Energy Charge	152.77578	07.10.22		Reactive Charges 22-23
76	Addl. Dev	15507.63580	07.11.22		DSM Charges 22-23
77	Reactive Energy Charge	94.63234	07.11.22		Reactive Charges 22-23
78	Reactive Energy Charge	89.18883	02.12.22		Reactive Charges 22-23
79	Reactive Energy Charge	162.52773	05.01.23		Reactive Charges 22-23
80	Reactive Energy Charge	3.93158	07.02.23		Reactive Charges 22-23
81	Reactive Energy Charge	292.70498	06.03.23		Reactive Charges 22-23
82	Reactive Energy Charge	321.80291	30.03.23		Reactive Charges 22-23
83	Addl. Dev	10079.39783	06.04.23		DSM Charges 22-23
84	Reactive Energy Charge	716.65397	04.05.23		Reactive Charges 23-24
85	Reactive Energy Charge	508.35350	07.06.23		Reactive Charges 23-24
86	Reactive Energy Charge	83.11163	05.07.23		Reactive Charges 23-24
87	Reactive Energy Charge	498.36959	04.08.23		Reactive Charges 23-24
88	Reactive Energy Charge	50.77966	05.09.23		Reactive Charges 23-24
89	Reactive Energy Charge	5.26035	06.10.23		Reactive Charges 23-24
90	Reactive Energy Charge	6.79669	06.11.23		Reactive Charges 23-24
91	Reactive Energy Charge	0.11306	05.12.23		Reactive Charges 23-24
	Total	**218731.92988**			

DSM account Reconciliation Status of ER constituents

Annexure-V

Name of The Utility	2019-20				2020-21				2021-22				2022-23				2023-24				2024-25			
	Q1 (17.07.19)	Q2 (21.10.19)	Q3 (13.01.20)	Q4 (15.04.20)	Q1 (15.07.20)	Q2 (23.10.20)	Q3 (20.01.21)	Q4 (28.04.21)	Q1 (06.07.21)	Q2 (07.10.21)	Q3 (11.01.22)	Q4 (18.04.22)	Q1 (15.07.22)	Q2 (21.10.22)	Q3 (19.01.23)	Q4 (28.04.23)	Q1 (28.07.23)	Q2 (19.10.23)	Q3 (25.01.24)	Q4 (24.04.24)	Q1 (30.07.24)	Q2 (28.10.24)	Q3 (30.01.25)	Q4 (28.04.25)
BSPHCL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES								
JUVNL	YES	YES	YES	YES	YES																			
DVC	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES												
GRIDCO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
WBSETCL	YES	YES	YES	YES	YES			YES	YES								YES	YES	YES	YES				
SIKKIM	YES																							
NTPC	YES	YES	YES	YES	YES	YES	YES	YES	Yes	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
NHPC	YES	YES	YES	YES	YES	YES	YES		YES	YES	YES	YES	YES	YES	YES				YES	YES	YES	YES	YES	YES
MPL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES			YES	YES	YES	YES	YES	YES			
APNRL	YES	YES	YES	YES	YES																		YES	
CHUZACHEN(GATI)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES		YES	
NVVN(Ind-Bng)	YES	YES	YES	YES	YES				YES	YES	YES	YES	YES	YES	YES		YES	YES	YES	YES	YES	YES	YES	YES
NVVN(Ind-Nep)	YES	YES	YES	YES	YES				YES	YES	YES	YES	YES	YES	YES		YES	YES	YES	YES	YES	YES	YES	YES
NVVN (Bhutan)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	YES	YES	YES	YES	YES	YES
NVVN-NEA Bihar	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	YES	YES	YES	YES
GMR	YES	YES	YES	YES				YES																
JITPL	YES	YES	YES	YES	YES	YES	YES					YES			YES					YES	YES	YES	YES	
IBEUL (JSW Energy)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
TPTCL (DAGACHU)	YES	YES	YES	YES	YES				YES	YES	YES	YES							YES	YES		NA		
JLHEP(DANS ENERGY)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES					YES	YES		YES	YES	YES		
BRBCL	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES				YES	YES	YES	YES		YES		
POWERGRID (ER-I)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES					YES			
POWERGRID (ER-II)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES		YES				
TUL (TEESTA-III)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES		YES	YES	YES			YES	YES	NA	NA	NA	
DIKCHU	YES	YES	YES	YES	YES								YES				YES			NA	NA	NA		
SHIGA (TASHIDING)	YES	YES	YES	YES	YES			YES	YES	YES	YES	YES					YES	YES		YES		YES	YES	YES
Rongnichu	NA				NA				NA		YES					YES			YES	YES			YES	YES

(1)The dates in the bracket indicates the date of sending the Reconciliation statements by ERLDC to utilities.
(2) YES Indicates that signed reconciliation statement received by ERLDC
(3) NO Indicates that signed reconciliation statement is not received by ERLDC

Reactive Account Reconciliation Status

Annexure-VI

	2019-20				2020-21				2021-22				2022-23				2023-24				2024-25			
Name of The Utility	Q1 (17.07.19)	Q2 (21.10.19)	Q3 (13.01.20)	Q4 (15.04.20)	Q1 (15.07.20)	Q2 (23.10.20)	Q3 (20.01.21)	Q4 (28.04.21)	Q1 (06.07.21)	Q2 (07.10.21)	Q3 (11.01.22)	Q4 (18.04.22)	Q1 (15.07.22)	Q2 (21.10.22)	Q3 (19.01.23)	Q4 (28.04.23)	Q1 (28.07.23)	Q2 (19.10.23)	Q3 (25.01.24)	Q4 (24.04.24)	Q1 (30.07.24)	Q2 (28.10.24)	Q3 (30.01.25)	Q4 (28.04.25)
BSPHCL	YES	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES								
JUVNL																								
DVC	YES	N/A	N/A	N/A	YES			YES	YES	YES	YES	YES												
GRIDCO	YES	YES	YES	YES	YES	YES	YES	YES	Yes	YES	YES	YES	YES	YES		YES	YES	YES	YES	YES	YES	YES	YES	YES
WBSETCL	YES	YES			YES			YES	YES															
SIKKIM																								
NTPC	NA																		YES		YES	YES	YES	
NHPC																			YES	YES			YES	YES
MPL																			NA	NA	YES			
APNRL																							YES	
CHUZACHEN(GATI)																			YES	YES			YES	
NVVN(Ind-Bng)																			YES	YES	YES	YES	YES	YES
NVVN(Ind-Nep)																			YES	YES	YES	YES	YES	YES
NVVN (Bhutan)																			NA	YES	YES	YES	YES	YES
NVVN-NEA Bihar																			NA	NA	YES	YES	YES	YES
GMR																					YES	YES		
JITPL																				YES			YES	
INBEUL																					YES			
TPTCL (DAGACHU)																								
JLHEP(DANS ENERGY)																				YES			YES	YES
BRBCL																			YES	YES		YES		
POWERGRID (ER-I)																						YES		
POWERGRID (ER-II)																				YES	YES			
TUL (TEESTA-III)																			NA	NA				
DIKCHU																			NA	NA				
SHIGA (TASHIDING)																				YES			YES	YES
Rongnichu																			YES	YES			YES	YES

Ancillary Services Account Reconciliation Status

	2024-25	
Name of The Utility	Q3 (30.01.25)	Q4 (28.04.25)
NTPC	YES	
BRBCL		
MPL		
NHPC	YES	YES

Annexure-VII

Reconciliation Between Open Access department of ERLDC and SLDCs, STUs and CTU

Sl. No.	STUs / SLDCs Name	Quarter-I (2022-23)	Quarter-II (2022-23)	Quarter-III (2022-23)	Quarter-IV (2022-23)	Quarter-I (2023-24)	Quarter-II (2023-24)	Quarter-III (2023-24)	Quarter-IV (2023-24)	Quarter-I (2024-25)	Quarter-II (2024-25)	Quarter-III (2024-25)	Quarter-IV (2024-25)
	Date of Issuance	28-07-2022	26-10-2022	30-01-2023	18-04-2023	21-07-2023	27-10-2023	29-01-2024	24-04-2024	30-07-2024	25-10-2024	29-01-2025	25-04-2025
1	West Bengal - SLDC and STU	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA
2	DVC - SLDC	NO	NO	YES	YES	NO	NO	NA	NA	NA	NA	NA	NA
3	OPTCL-SLDC and STU	YES	YES	YES	YES	YES	NO	NO	NA	NA	NA	NA	NA
4	Jharkhand STU and SLDC	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA
5	Bihar-SLDC and STU	YES	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA
6	Andhra Pradesh	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA
7	CHHATTISGARH	NO	NO	NO	NA	NO	NO	NA	NA	NA	NA	NA	NA
8	Delhi	NO	NO	NO	NA	NO	NO	NA	NA	NA	NA	NA	NA
9	HIMACHAL PRADESH	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA
10	JAMMU & KASHMIR	NO	NA	NA	NA	NA	NO	NA	NA	NA	NA	NA	NA
11	KARNATAKA	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA
12	MADHYA PRADESH	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA
13	MAHARASTRA	NO	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA
14	Manipur	NA	NA	NA	NA	NO	NO	NA	NA	NA	NA	NA	NA
15	RAJASTHAN	NO	NO	NO	NO	YES	YES	NA	NA	NA	NA	NA	NA
16	Gujarat	NA	NO	NO	NA	NO	NO	NA	NA	NA	NA	NA	NA
17	Uttar Pradesh	NA	NO	NO	NO	NO	NO	NA	NA	NA	NA	NA	NA
18	Tamil Nadu	NA	NA	NA	NA	NO	NO	NA	NA	NA	NA	NA	NA
19	Telangana	NA	NA	NO	NO	NA	NA	NA	NA	NA	NA	NA	NA
20	CTU	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Reconciliation Between Open Access department of ERLDC and Applicants

Sl. No.	Applicants Name	Quarter-I (2022-23)	Quarter-II (2022-23)	Quarter-III (2022-23)	Quarter-IV (2022-23)	Quarter-I (2023-24)	Quarter-II (2023-24)	Quarter-III (2023-24)	Quarter-IV (2023-24)	Quarter-I (2024-25)	Quarter-II (2024-25)	Quarter-III (2024-25)	Quarter-IV (2024-25)
	Date of Issuance	28-07-2022	26-10-2022	30-01-2023	18-04-2023	21-07-2023	27-10-2023	29-01-2024	24-04-2024	30-07-2024	25-10-2024	29-01-2025	25-04-2025
1	Bihar State Power Holding Company Limited	NA	NA	NA	NA	NA	NA	NA	NA	YES	NO	NO	NO
2	GMR Energy Trading Limited	NA	NA	NA	NA	NA	YES	NA	NA	NA	NO	NA	NO
3	GRIDCO Ltd	YES	YES	NA	NA	YES	YES	YES	YES	YES	NO	NO	YES
4	Jindal India Thermal Power Limited	NO	NO	NO	NO	YES	YES	YES	NA	NA	NA	NA	NA
5	Jindal Stainless limited	NA	NA	NA	NA	NA	NA	NA	NA	NA	YES	YES	YES
6	Jharkhand Bijli Vitaran Nigam Limited	NO	NO	NO	NO	NO	NO	NO	NO	NO	NA	NA	NA
7	West Bengal State Electricity Distribution Company Limited	NO	NO	NA	NA	NO	NO	NA	NA	NO	NA	NA	NA
8	Adani Enterprises Limited	NA	NA	NA	NA	YES	NA	NA	NA	NO	NO	NO	NA
9	Arunachal Pradesh Power Corporation Private Limited	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
10	DALMIA CEMENT (BHARAT) LIMITED (RCW)	NA	NA	NA	NO	YES	YES	YES	YES	NO	NO	NO	NO
11	HINDUSTAN POWER EXCHANGE LIMITED	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO
12	INDIAN ENERGY EXCHANGE LIMITED	NO	NO	NO	YES	YES	YES	YES	YES	NO	YES	YES	NO
13	India Power Corporation Limited	NO	NO	NO	NO	YES	YES	YES	YES	NO	NO	YES	YES
14	ITC Limited Dairy Plant	NO	NO	NA	NA	YES	YES	NA	NA	NA	NA	NA	NA
15	ITC LTD Kidderpore	NO	NO	NO	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	I T C LIMITED, Sonar and Royal Bengal	NA	NO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17	ITC Limited Corporate Office Kolkatta	NA	NA	NA	NA	NA	NO	NA	NA	NO	NO	NO	NO
18	KREATE ENERGY(I) PRIVATE LIMITED	NO	NO	NO	NO	YES	YES	YES	YES	YES	NA	NA	NA
19	NATIONAL ALUMINIUM COMPANY LIMITED AP	NA	NA	NA	NO	NO	NO	NA	NA	NA	NA	NA	NA
20	NATIONAL ALUMINIUM COMPANY LIMITED-OD	NA	NA	NA	NO	NA	NO	NO	NO	NO	NO	NO	NO
21	NTPC VIDYUT VYAPAR NIGAM LIMITED	YES	NA	NA	NA	YES	NA	NA	NA	NO	NO	YES	NA
22	POWER EXCHANGE INDIA LIMITED	NO	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO	YES
23	PTC INDIA LIMITED	YES	YES	NO	NA	NA	NA	NA	NA	YES	YES	NA	NA

24	TATA POWER TRADİNG COMPANY LİMİTED	NO	NO	NO	NO	YES	YES	NA	NA	NO	NO	NO	NO
25	TATA STEEL LIMITED @132kV	NO	NA	NA	NA	YES	NO	NA	NA	NA	NA	NA	NA
26	Saranyu Power Trading Private Limited	NA	NO	NA	NO	NA	NA	NA	NA	NA	NA	NA	NA
27	SHUBHEKSHA ADVISORS PRIVATE LIMITED	NA	NA	NA	NA	NA	NO	NA	NA	NA	NA	NA	NA
28	Patliputra Cement Works	NA	NA	NA	NA	NA	NA	NA	NA	YES	YES	YES	YES
29	MANIKARAN POWER LIMITED	NA	NA	NA	NA	NA	NA	YES	NA	NO	NA	NA	NA
30	SOUTH BIHAR POWER DISTRIBUTION COMPANY LIMITED	NA	NA	NA	NA	NA	NA	NO	NA	NA	NA	NA	NA
31	Tata Steel Limited Ferro Alloys Plant Joda	NA	NA	NA	NA	NA	NA	NA	NA	NO	NA	NA	NA
32	Tata Steel Limited	NA	NA	NA	NA	NA	NA	NA	NA	YES	NO	NA	NA
33	ULTRATECH CEMENT LIMITED- ULTSLDCD47	NA	NA	NA	NA	NA	NA	NA	NA	YES	YES	YES	YES
34	ULTRATECH CEMENT LİMİTED UNİT:CUTTACK CEMENT WORKS	NA	NA	NA	NA	NA	NA	NA	NA	YES	YES	YES	YES
35	UltraTech Cement Limited (Unit: West Bengal Cement Works)	NA	NA	NA	NA	NA	NA	NA	NA	NA	YES	YES	YES
36	NEFA Power Trading Private Limited,	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	NO	NA
37	Vedanta Limited SEZ UNİT, Jharsuguda	NA	NA	NA	NA	NA	NA	NA	NA	NA	YES	NA	NA
38	OSTRO KANNADA POWER PRIVATE LIMITED	NA	NO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39	ACC LIMITED Bargarh Cement Works	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	NO

ERLDC Fees & Charges

Annexure-VIII

		2021-22				2022-23				2023-24				2024-25			
Sl No	**Entity Name**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**
1	Adhunik PNRL	Yes	Yes				Yes		Yes	Yes				Yes			Yes
2	Alipurduar HVDC																
3	Alipurduar Transmission Limited																
4	BARH STG-I	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
5	BARH-II	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
6	Bharatiya Rail Bijlee Company Ltd.	Yes				Yes	Yes										
7	Bihar State Power Transmission Company Ltd.								Yes								
8	Darbhanga-Motihari Transmission Company Ltd.	Yes	Yes														
9	Darlipali Super Thermal Power Project	Yes	Yes														
10	DVC																
11	DVC Seller																
12	ENICL																
13	FSTPP-I - II	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
14	FSTPP-III	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
15	GI HYDRO					Yes	Yes				Yes				Yes		
16	GMR Kamalanga Energy Ltd.																
17	GRIDCO	Yes	Yes	Yes	Yes							Yes	Yes	Yes		Yes	
18	HVDC SASARAM																
19	Jharkhand Bijli Vitran Nigam Limited																
20	JINDAL INDIA THERMAL POWER LTD.																
21	Jorethang Loop HEP							Yes	Yes	Yes	Yes						
22	Kanti Bijlee Utpadan Nigam limited	Yes	Yes	Yes	Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
23	KHSTPP-I	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
24	KHSTPP-II	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
25	Maithon Power Limited	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes		Yes	
26	Nabinagar Power Generation Corporation Ltd.					Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
27	NORTH KARANPURA TRANSCO LIMITED																
28	NVVN Bangladesh						Yes				Yes		Yes	Yes		Yes	Yes
29	NVVN Nepal										Yes					Yes	Yes
30	Odisha Generation Phase-II Transmission Limited																
31	PMJTL																
32	PMTL																
33	POWERGRID ISTS																Yes
34	POWERLINK ISTS																
35	Purulia & Kharagpur Transmission Comp. Ltd.																
36	RANGEET HEP																
37	Rognichu HEP					Yes											
38	Shiga Energy Private Ltd							Yes	Yes	Yes	Yes						
39	SIKKIM																
40	Sneha Kinetic Power Project Private Ltd																
41	TALCHER SOLAR PV POWER STATION,NTPC LIMITED	Yes	Yes														
42	Tata Power Trading Company Limited		Yes	Yes		Yes											
43	TEESTA HEP																
44	Teesta Urja Ltd.(Teesta -III HEP)	Yes															
45	Teestavalley Power Transmission Ltd.												Yes				
46	TSTPP-I	Yes	Yes														
47	WBSEDCL				Yes		Yes			Yes							
48	ERNVVNBHUTAN_NIKACHHU												Yes	Yes		Yes	Yes
49	NVVN_DGPC Basochhu												Yes				