



सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF POWER
Eastern Regional Power Committee

AGENDA
OF
56th TCC MEETING

Date: 25.05.2026

Time: 10:00 Hrs.

Gangtok, Sikkim

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EASTERN REGIONAL POWER COMMITTEE

AGENDA OF THE 56th TCC MEETING

Date: 25th May 2026
Sikkim

Place: Gangtok,

PART-A: CONFIRMATION OF MINUTES

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

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

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

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

PART-B: ITEMS FOR DISCUSSION

2.1 Items for follow up of decisions of 55th (previous) TCC & ERPC Meeting

(a) Urgent Review of Phase I Compliance for CEA Flexible Operation Regulations, 2023: ERPC

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

As per CEA gazette notification extraordinary, part III, section 4, no. 61 (CG-DL-E-31012023-243299), the coal-based power generating units shall have flexible operation capability with minimum power level of 55%. This capability includes a ramp rate of 2% between 55%-70% and a ramp rate of 3% above 70%. This capability was mandated within one year of the notification, i.e., by Jan 2024. Further, the regulation mandates that generating units not capable of achieving a minimum power level of 40% shall achieve the same as per the phasing plan (Attached as **Annexure B.2.1.a**).

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

In this regard, it is pertinent to mention that 91 Units of total installed Capacity 51,080 MW in aggregate of various thermal power plants have been notified under Phase I (July 2024 – June 2026) for operation at 40% MTL (Minimum Technical Load). These units are required to carry out the necessary retrofitting/modifications as recommended by the respective OEMs so as to be fully prepared for sustained operation at 40% MTL by June 2026, as mandated under the provisions of the aforesaid Regulations.

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

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

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

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

DVC & IBEUL may update. Members may discuss.

Deliberation in 55th TCC meeting

- MS, ERPC informed the forum about the requirement of implementing 40% Minimum Technical Load (MTL) in thermal power plants in line with CEA directives, to cater to increased Renewable Energy (RE) penetration and to ensure stable and reliable grid operation.
- He highlighted that the following Eastern Region thermal generating units are required to complete continuous operation at 40% MTL by June 2026, as per CEA directives:
 - Bokaro TPS Unit-1 (500 MW)
 - RTPS Unit-2 (600 MW)
 - IBEUL Unit-1 (350 MW)
- DVC apprised that all necessary Renovation & Modernization (R&M) works and other process modifications required for 40% MTL operation have been completed, and it is expected that implementation of 40% MTL will be achieved by February 2026.
- Further, DVC informed that RTPS Unit-2, being a Chinese make unit, is facing challenges due to non-availability of OEM support, and hence the required tuning for flexible operation has not yet been undertaken. However, Mejia Unit-7 has been successfully demonstrated 40% MTL test run for 4 hrs.. DVC therefore requested the forum to consider Mejia Unit-7 as a substitute for RTPS Unit-2 to meet CEA flexible operation requirements.
- IBEUL informed that both its units are capable of operating at 44% MTL, and 24-hour trial operation has already been successfully conducted to demonstrate readiness. However, for stable continuous operation at 40% MTL, further combustion optimization would be required.
- NTPC informed that all its thermal units are presently capable of smooth operation at 55% MTL. However, achieving further reduction to 40% MTL would require technical & operational modifications and the constraints faced by Generators for sustainable flexible operation has been shared with CEA.
- JITPL updated that all its units can operate at 55% MTL. For enhanced flexibility, boiler-side modifications, including combustion process optimization and C&I retuning, would be required.

55th TCC Decision

- TCC advised DVC to expedite the implementation of 40% MTL at the earliest & DVC therefore was advised that Mejia Unit-7 may be taken as a substitute for RTPS Unit-2 to meet CEA flexible operation requirements and to ensure continuous operation of the units as per system requirements, particularly during non-solar hours.
- TCC acknowledged the operational difficulties faced by IBEUL in implementing the mandated flexibility. It was opined that the issue should be flagged to CEA, with a request to consider continuous flexible operation at 44% MTL, as per system requirements, in alignment with CEA flexible operation guidelines.
- TCC advised all other thermal generators to undertake necessary process

modifications and C&I retuning to enable required flexibilization and encouraged them to voluntarily nominate units for participation in 40% MTL operation.

- The matter was referred to ERPC for further deliberation and guidance.

Deliberation in 55th ERPC meeting

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

- DVC suggested that units voluntarily operating at 40% load should be given priority coal supply through coal swapping.
- DVC further highlighted that while testing at 40% technical minimum will be undertaken for 500 MW units, its consistent implementation should be pursued jointly with other major generators to meet national perspective.
- It was also discussed that some states have not yet implemented the 55% technical minimum norm. DVC proposed that compliance with the 55% norm should be made mandatory before moving to the 40% technical minimum.

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

ERPC Decision:

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

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

Members may discuss.

(b) Intrastate Transmission Network Assessment & Mitigation-Odisha: ERPC Secretariat

Reference:

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

As per 238th OCC:

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

238th OCC Decision

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

Update (as per meeting on 30.04.2026):

- Director (Operation), OPTCL informed that implementation of the UVLS scheme in Odisha is being taken up on a fast-track basis as proposed in various OCC meetings. To expedite execution and avoid procedural delays, the scheme is being treated as a “top-up” or extension of the existing ADMS contract.
- He added that since SLDC Odisha has already implemented the ADMS system, the work of implementation of the UVLS scheme has been entrusted upon SLDC, being an extension of the ADMS project.
- SLDC Odisha and CGM, OPTCL confirmed that quotation for executing the UVLS scheme has been received from the existing ADMS implementing agency and are under review by the Telecom wing of OPTCL. Additionally, 31 feeders from TPCODL (Discom) and 23 feeders from TPNODL (Discom) have been identified under the scheme. The completion timeline targeted by June 2026.

As per 239th OCC:

Odisha representative updated:

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

239th OCC Decision

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

SLDC Odisha and OPTCL may update.

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

A 765kV ring was planned in ER from Ranchi (New) – Medinipur – Jeerat (New) – Gokarna – Banka – Gaya and Ranchi – Gaya through 400kV D/c (Quad) line. Ranchi (New) – Medinipur–Jeerat (New) 765kV D/c line has already been implemented. In order to 765kV ring was planned in ER from Ranchi (New) – Medinipur – Jeerat (New) – Gokarna – Banka – Gaya and Ranchi – Gaya through 400kV D/c (Quad) line. Ranchi (New) – Medinipur – Jeerat (New) 765kV D/c line has already been implemented. In order to improve reliability in the Eastern Region and improve reliability of power supply to Kolkata area, need for implementation of balance portion of the ring viz. Jeerat (New) – Gokarna – Banka – Gaya came up as per operational feedback.

The matter was discussed in the joint study meeting held on 25-09-2025 wherein to reduce the number of 765kV substations and to reduce line length, a new corridor option viz. Nawada –

Durgapur – Jeerat (New) was explored. The Nawada S/s along with Nawada – Durgapur – Jeerat (New) 765kV corridor was agreed to be taken up for strengthening 765kV interconnection to Kolkata area. Further, for the drawal requirement of BSPTCL, 765/400/220kV ICTs shall also be implemented at Nawada (ISTS). BSPTCL shall implement Nawada – Guraru – Kaler 220kV D/c line for drawal of power from ISTS. For seamless integration of Nawada into the ISTS grid, LILO of Gaya – Balia 765kV D/c line has also been proposed.

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

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

Detailed scope of works is as under:

- Establishment of Nawada (ISTS) 765/400/220kV S/s with 2x1500MVA+2x500MVA ICTs
- LILO of Gaya – Balia 765kV S/c line at Nawada (ISTS) S/s – (Loop in 82km and Loop out 82km)
 - Establishment of 765kV level in GIS at existing Durgapur (POWERGRID) S/s along with installation of 765/400kV, 2x1500MVA ICTs in 400kV Section-B (the section having 400/220kV ICTs)
 - Nawada (ISTS) – Durgapur (POWERGRID) 765kV D/c line along with 1x240MVA (3x80MVA 1-Ph) switchable line reactor in both ckts at both ends – about 258km
- Durgapur (POWERGRID) – Jeerat (New) 765kV D/c line along with 1x240MVA (3x80MVA 1-Ph) switchable line reactor in both ckts at Jeerat (New) end – about 152km
- Extension at Jeerat (New) 765/400kV S/s

Estimated Cost of the project: INR 5676.25 Cr.

CTUIL may update.

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

- Proposal for TCF-II 220/132 KV SS is an Intra-State sub-station with ISTS connectivity [D/C LILO of Siliguri PG-Kishanganj 220 KV D/C Line with HTLS conductor proposed]. The sub-station has been considered for meeting the growing load demand in and around Ghoshpukur and TCF area as projected by WBSEDCL which includes increasing demand of Dinajpur(N) and Darjeeling district of West Bengal.
- The proposal had already been discussed at CMETS-ER level for last few months [since May-2025] considering different scenarios and multiple operational aspects.
- The latest PSSE studies were submitted prior to the last 48th CMETS-ER meeting held on 30-10-2025. It was found as per the study that loading of Binaguri PG - Siliguri PG under N-1 condition is 393 MW [considering 1500 MW setting for APD-Agra DC Link as suggested by Grid India] which is within the 90% of thermal limit of the line [considering 450 MW rating of HTLS conductor].

- Observations of Grid India have been obtained on 14-11-2025. It is understood that Grid India has further considered 1000 MW setting for APD-Agra DC Link instead of 1500 MW during N-1 condition of peak load scenario creating additional contingency over and above N-1 condition.
- However, loading of one circuit of Binaguri PG - Siliguri PG even under this additionally contingent condition is found to be 426 MW which is also well within the thermal limit of the line [considering 450 MW rating of HTLS conductor] as per CI-4.4.2 of CEA's Manual on Transmission Planning Criteria-2023. It is also noteworthy that this quantum of power will flow for a limited period of time only satisfying the special conditions pointed out by Grid India.
- In the last CMETS-ER meeting CTU proposed to pose the proposal before CEA to discuss with Resource Adequacy Plan for West Bengal by the Year 2034-35 which is in progress and may take time. Considering the immediate requirement, WBSETCL requested CTU to resolve the issue at CMETS-ER level.

As per 55th TCC meeting

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

➤ CTU updated that the matter is presently under consideration of CEA and as per the resource adequacy plan of CEA keeping in view of the surge in demand of WB in near future it would be prudent to go for 400KV substation in TCF-II instead of 220KV substation proposed by WBSETCL.

➤ In response WBSLDC submitted that there is a urgent requirement of TCF-II 220/132/33 KV SS since the proposed scheme is to cater the load 100-120 MW loading for the forthcoming Ghoshpukur 132 kV sub-station which is urgently needed by the DISCOM to accommodate "Data Centre Load". This was further mentioned that as per policy of the Central Govt to encourage Data Centre establishment, this initiative is in line with the facilitation of establishing data center as desired by CEA through online meeting in 2nd December 2025.

55th TCC Decision:

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

As per 55th ERPC meeting

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

As per 239th OCC:

WBSETCL submitted:

- This proposal is regarding establishment of a substation to cater to proposed data center load in North Bengal.

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

239th OCC Decision

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

WBSETCL may update.

(e) Status of DTL for Ind Barath TPP: ERPC Secretariat

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

Deliberation in 54th TCC

- JSW informed that the original proposal of 4 towers has been modified to one having 12 towers due to objections from MCL. The revised proposal has been agreed upon by MCL and is forwarded to Ministry of Coal for approval. Once approval will be granted, JSW has assured that the construction of the transmission line will be completed within 3 to 4 months. TCC Decision: TCC advised JSW for expediting the construction of the transmission line and has referred the matter to ERPC for information.
- Representative of JSWEUL stated that they are pursuing with authorities of MCL & Ministry of Coal for approval of the revised proposal for diversion of the line with 12 new towers. Once approval will be granted, the construction of the transmission line will be completed within 3 to 4 months.
- Director(SLDC), Odisha stated that nowhere in the country such type of LILO arrangement exists where a line connecting to an existing thermal power plant have been LILoed for power evacuation of another thermal power plant of capacity 700 MW. He further stated that though with the help of ERLDC they are managing the real time grid operation, but continuation of this arrangement poses threat to grid security & grid operation. He submitted that till completion of the DTL, JSWEUL shall run only one unit of their plant for secure operation of the grid.
- MS, ERPC informed that the matter is being continuously monitored by CEA/MoP, and a meeting in this regard is scheduled shortly under chairmanship of Chairperson, CEA.
- ERPC advised JSWEUL to expedite the process for getting approval from MCL and completion of the line construction work with shortest possible time.

As per 237th OCC:

It was informed that as per the decision taken in the meeting dated 30.12.2025 chaired by Chairperson CEA, the interim LILO arrangement may be continued upto 30th June 2026.

However, JSWEUL shall endeavour to complete the work of DTL by May, 2026 on best efforts basis.

JSWEUL may update.

(f) Status of ERS in Eastern Region: ERPC Secretariat

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

Details of Available ERS enclosed at **Annex B.2.f.**

As per 239th OCC:

Powergrid informed:

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

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

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

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

239th OCC Decision

- ✓ OCC opined that a common framework needs to be devised to assess the adequacy of ERS infrastructure of all transmission licenses in line with MOP guidelines (**Annex B.2.1.b**). Thus, one ERS set was defined as a set of 15 ERS towers (9 Tension towers & 6 Suspension towers)
- ✓ All transmission utilities were advised to submit ERS details in terms of “sets” rather than number of available ERS towers within one week.

- ✓ Transmission utilities having insufficient ERS infrastructure shall initiate procurement action as per guidelines of Ministry of Power (**Annex B.2.1.b**).
- ✓ This is referred to TCC for deliberation/sensitization.

All Transmission licensees (ISTS, State & Private) may update the ERS status.

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

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

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

Deliberation in 18th TeST meeting

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

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

Regarding the state-wise status, Powergrid submitted that:

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

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

18th TeST Decision

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

Latest Update:

NOA Start Date: 02.08.2024

NOA Completion Date: 01.02.2026

IA Completion Date (CERC): 31.05.2026

Constituent	Date of Readiness of building & infrastructure by constituents	Supply Status	Installation Status	Commissioning Status
DVC (MCC)	Ready on 17.11.2025	Done	Done	Done. SAT in Progress
DVC (BCC)	Ready on 21.07.2025	Done	Done	Done. SAT in Progress.
JUSNL (MCC)	Ready on Nov-2025	Done	Done	In advance stage

				of completion. SAT started.
JUSNL (BCC)	Ready on Nov-2025 (Power supply issue)	Done	Done	Pending due to power supply issue.
OPTCL (MCC)	OPTCL confirmed site will be ready by 07.06.2026	Done	Pending	
OPTCL (BCC)	Ready on 31.07.2025	Done	Done	In Progress.
BSPTCL(MCC)	Partially ready.	Done		
BSPTCL (BCC)	Ready on Dec-2025. (LT panel on 29.03.26)	Done	Done	In Progress.
Sikkim (MCC)	Site not ready. Sikkim informed site readiness on 08.05.2026	Done	GE Team deployed. Work start on 08.05.2026	
Sikkim (BCC)	Location finalised on 26.02.2026.	Done	June-2026	
WBSETCL (MCC)	Partially ready on 10.03.2026. Air-conditioning & dust free environment required.	FAT done. Supply by 15.05.2026. Delay due to functional FAT with ERLDC.		
WBSETCL(BCC)	Site ready on 30.11.2025.	FAT in progress with ERLDC		

Support required for following issues:

❖ Delay in readiness of building and infrastructure by constituents:

BSPTCL: Request to make MCC ready with dust free environment.

JUSNL: Request to make power supply reliable by providing second input source at BCC.

OPTCL: Request to make MCC ready with dust free environment.

[Note: At Sikkim, WBSETCL and DVC, there was initial delay in readiness of building & infrastructure and finalization of location]

Except IT SAN all other design documents & FAT procedures has been approved by PGCIL. Functional & Integrated to be completed by 15th May 2026.

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

DVC: Both Control center ready.

JUSNL, OPTCL, BSPTCL: Work is in advance stage of completion progress and expected to be commissioned within 1-2 weeks.

ERLDC: Functional & Integrated FAT in progress. Based on present status, the expected supply, installation & commissioning may take around 3-4 months. Project time extension has been awarded till **August 2026**.

Considering the above, it is felt prudent for integration of new SLDC systems (GE) with existing ERLDC System (OSI) over ICCP for further testing and data validation. ERLDC may agree and facilitate in this regard. **(Annexure 2.4)**

19th TeST Deliberation:

ERPC enquired about the progress of the SCADA upgradation work in the Eastern region. M/S GE Vernova presented (**Annexure 2.4 B**) the updated progress status as given below:

ERLDC :

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

WBSLDC:

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

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

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

Bihar:

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

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

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

19th TeST Decision

The forum advised POWERGRID, M/S GE Vernova, and ERLDC to jointly examine the feasibility of the proposed arrangement and take necessary action in a coordinated manner without affecting real-time grid operations.

The forum further emphasized that no further extension shall be granted to M/S GE Vernova for completion of the project, as the execution is already significantly delayed beyond the stipulated timeline by around six months(half a year) and must be operational by 31st August, 2026.

M/S GE Vernova was advised to deploy adequate skilled manpower at site for faster execution of the work.

Powergrid may update.

(h) Status of spare Transformer/ICT in Eastern Region: ERPC Secretariat

- As per CEA guidelines for availability of spares and inventories for power transmission system (transmission lines & substation/switchyard) assets, adequate cold spare for ICTs has to be maintained at regional as well as state level.
- Key guidelines for determining spare as per the guidelines are provided below:
 - **Regional level spare:** For regional power utilities (POWERGRID & Transmission licensees), the spare at regional level would be required for these assets. These spares should be increased, optimized and limited to double the quantities mentioned for State Level based on transmission line assets in that region in order to avoid unnecessary storage of inventories. (**Annexure B.2.7**)
 - **State level spare:** The spares at 'State level' can be maintained at a centralized location which could be conveniently accessed to meet the emergency requirement of various substations/switchyards spread across the State.
 - **Requirement of state level:** ICT and Shunt Reactor: One number single phase/three phase unit of each rating, as applicable
 - **Utility for State level spare:** If there are five or more substations/switchyards (of same voltage class) of a utility in a State, the 'State Level' spares shall be maintained by the utility.
 - **Replenishment of Consumed spare:** Replenishment of the consumed mandatory spares shall be made at the earliest but in any case, not later than six months from the date of its consumption depending on the criticality of equipment component/material.

With a significant rise in state demands and regional demand along with the number of ICTs, it would be desirable to have an adequate spare to improve reliability and resilience in case of any exigency. Recently, a substantial delay in restoration of damaged ICTs in eastern region has been observed. Thus, maintaining adequate regional and state level cold spare is important.

As per 55th TCC Meeting

- ✓ Powergrid representative informed that as per CEA guidelines adequate cold spare for ICTs has to be maintained at regional as well as state level. He added that the existing fleet of transformers of ER are considerably old and therefore sufficient spare management is required to ensure reliable power supply.
- Director(Op), OPTCL informed that they are assessing their spare requirements based on following factors:
 - n-1 criteria at each substation
 - Projected load growth
 - Standardization of transformers as per CEA guidelines
 - RLA of the existing transformersWBSETCL suggested that an SOP may be formulated for assessment of spare requirement of the region.

55thTCC Decision

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

Consolidated details of spare ICTs in Eastern Regional pool maintained by Powergrid (ER-I,ER-II & Odisha Projects) attached at **Annex B.2.7**

As per 235th OCC meeting:

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

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

235th OCC Decision

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

Powergrid and other Transmission licensees may update.

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

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

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

In the said letter, CEA referred a meeting that was held with GENCOs on 18.07.2025 and with vendors on 08.08.2025 with a request to RPCs to convene a special TCC/RPC meeting at the earliest and deliberate the matter and various proposals furnished by CEA (Annexure-B.2.9.1).

Further, as per the minutes of the meeting Dtd 25.07.2025, the generating companies were advised to discuss various aspects with the beneficiary Discoms their willingness to have FGD installed and pay for the cost attributable to FGD (CAPEX+OP-EX) or stop the project and pay the fixed cost (CAPEX) incurred so far (Annexure-B.2.9.2).

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

NTPC has been raising bills approx. 1.5 Crs/month to 1.8 Crs/month towards secondary energy charges (OP-EX) as Odisha has 50% allocation from the said project. Hence, GRIDCO vide letter dtd 02.09.2025 requested NTPC for discontinuation of supplementary energy charge (ECS) towards FGD for Darlipalli STPS to which NTPC replied that "FGD system has been declared Commercial Operation in accordance with the provision of CERC Tariff Regulation 2019, and the bills of supplementary variable charges are also being raised accordingly to all the constituent beneficiaries of the station. The matter is being looked into by concerned statutory authorities and any decision and subsequent direction issued in such cases will be duly complied by NTPC."

In view of the exemption for Category 'C' TPPs from SO₂, standards GRIDCO raises the following points for discussion:

1. Discontinuation of FGD Operation: NTPC is requested to stop the operation of the FGD system at Darlipali STPS, as it is no longer mandatory under the revised MoEF&CC notification.
2. Assessment and Financial Justification: NTPC should furnish the project-wise status of FGD implementation for all its generating stations in the Eastern Region. Furthermore, a detailed financial assessment must be conducted to compare the cost benefit of operating with FGD versus without FGD; ensuring beneficiaries are not burdened with unnecessary CAPEX and OP-EX.

As per 55th TCC Meeting

GRIDCO stated that NTPC must immediately discontinue the operation of the FGD system at Darlipalli STPS, in strict compliance with the MoEF&CC Environment (Protection) Rules dated 11.07.2025. Such unilateral operation of FGD by NTPC Darlipalli is imposing an unjustified financial burden on GRIDCO, amounting to approximately ₹1.5 crore to ₹1.8 crore per month towards operational expenses.

WBSEDCL agreed with the submission of GRIDCO and stated that NTPC should discontinue the operation of the FGD system at Darlipalli STPS.

NTPC submitted that the FGD system has been declared under Commercial Operation in accordance with the provisions of the CERC Tariff Regulations, 2019, and that continued operation of the FGD system is in compliance with the said Regulations.

55thTCC Decision

TCC noted that Darlipalli STPS falls under Category 'C' thermal power plant. As per latest categorisation of TPPs by MoEF&CC, the plants fall under category 'C' are not required to install FGDs. Further, as per the minutes of meeting held on 12.12.2025 chaired by Secretary, Power GoI, for TPPs which have already installed FGD, the future course may be mutually decided by respective stakeholders.

TCC advised NTPC to obtain consent of all beneficiaries for operation of the FGD system at NTPC Darlipalli STPS at the earliest and the pros & cons of running the FGD may be analyzed

at OCC forum.

As per 239th OCC:

GRIDCO submitted:

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

NTPC informed:

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

239th OCC Decision

OCC referred to TCC for further deliberation.

NTPC may explain. Members may discuss.

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

In the ongoing AMR project for the Eastern Region, the LOAs have been awarded on a phase manner by considering the number of Meters available at the time of LOA placement. Each LOA had scope of installation, warranty and AMC services. At present in AMR, there have been a total of five phases awarded with different sets of Meters. Each phases AMC scope is getting ended on different timelines. Details given below: -

Project	Meter Count	AMC Contract Start	AMC Contract End
AMR Phase1&2	656	01-Apr-21	31-Mar-26
AMR Phase3	326	01-Sep-22	31-Mar-26
AMR Phase5	300	19-Feb-26	19-Oct-26
AMR Phase4	200	1-May-23	30-Apr-27

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

Detailed scope of work to be done in the AMC support period with year wise breakup as below:

ar-1 (same unit rate)						
Project	Meter Count	AMC Start	AMC End	Unit Rate year, Meter)	AMC (per per	Total AMC Rate
AMR Phase 1 & 2 + AMR Phase-3	982	1-Apr-26	30-Apr-27	15117		16081969
AMR Phase5	300	1-Nov-26	30-Apr-27	15117		2267550
				Total		18349519
ar-2 (04% escalation on unit rate)						

Project	Meter Count	AMC Start	AMC End	Unit Rate year, Meter)	AMC (per per	Total AMC Rate
AMR Phase1&2 + AMR Phase3+AMR Phase4+AMR Phase5	1482	1-May-27	31-Mar-28	15722		21357902

ar-3 (06% escalation on unit rate)						
Project	Meter Count	AMC Start	AMC End	Unit Rate year, Meter)	AMC (per per	Total AMC Rate
AMR Phase1&2 + AMR Phase3+AMR Phase4+AMR Phase5	1482	1-Apr-28	31-Mar-29	16665		24697502
Total AMC cost for Three Years						64404922
Project	Meter Count	AMC Start	AMC End	Unit Rate	AMC (per	Total

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

As per 55th TCC meeting:

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

As per 55th ERPC meeting:

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

POWERGRID may update.

(k) Upgradation of 66/11 kV Bulbuley Sub-station to 132 kV Level and Associated Transmission Infrastructure Works in Gangtok: ERPC Secretariat

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

As per 55th TCC meeting

- Representative of Power Dept., Sikkim informed that the proposal for upgradation of 66/11 kV Bulbulay substation to 132 kV Level & other associated transmission work is put up considering the load growth of Gangtok in coming 10- & 15-years' timeframe and considering the constraints in constructing new transmission lines in the Gangtok area due to rapid urbanization.

- Powergrid submitted that as per their preliminary survey, there would be clearance issues for extension of the bus at 132 kV Gangtok S/s and therefore he suggested for joint site inspection to assess the site feasibility for the proposed plan.
- CTUIL informed that the present proposal is already under discussion at CEA level and as per the preliminary observation by CEA, the present upgradation is not required for Sikkim. However, in case of fresh proposal considering the change in load growth, the scheme may be put up to CEA for deliberation.

55th TCC Decision

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

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

55th ERPC Decision

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

As per 239th OCC meeting:

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

239th OCC Decision

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

Powergrid may update.

(I) Reconductoring of the lines of Chukha Transmission system under ERES-44 scheme: ERPC Secretariat

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

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

would pose challenge to smooth & secure grid operation and reliable power supply to adjoining areas of West Bengal.

55th TCC Decision:

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

As per 55th ERPC meeting:

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

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

As per 238th OCC Meeting:

Powergrid apprised:

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

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

WB SLDC submitted:

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

238th OCC decision:

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

Powergrid may update.

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

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

As per 239th OCC meeting:

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

Bihar and Jharkhand may update.

(n) Restoration of 220KV FSTPP LALMATIA Line: ERPC Secretariat

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

As per 55th TCC meeting:

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

As per 239th OCC:

JUSNL updated:

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

239th OCC Decision

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

JUSNL may update.

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

Sikkim Power Dept. has submitted the following:

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

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

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

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

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

Sikkim may explain. Members may discuss.

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

- Chairperson, CEA/NPC** opined that private Transmission Service Providers (TSPs) may be considered for diversion of RPC approved spare transformers and reactors on a case-to-case basis, subject to discussion in the respective Regional Power Committee (RPC) forum.
- Chairperson, CEA/NPC** further suggested that a suitable mechanism for periodic rotation/usage of spare transformers and reactors within the utility or among the constituents / State Transmission Utilities (STUs) may be explored. This would ensure that spare transformers and reactors do not remain unused for prolonged periods and become too old without operational utilization.
- It was suggested that all RPCs may review the existing Standard Operating Procedures (SOPs) prepared by SRPC (attached at **Annexure-B.2.11**) and NRPC (attached at **Annexure-B.2.11**) in their respective forums, obtain comments from stakeholders, and submit their suggestions. The matter may thereafter be deliberated in the Operation Sub-Group of the NPC for finalization of a uniform SOP at the national level.

As per 17th NPC decision:

- All RPCs to explore a suitable mechanism for periodic rotation/usage of spare transformers and reactors within the utility or among the constituents / State Transmission Utilities (STUs) and also

examine the inclusion of Private Transmission Service Providers in the scheme. All RPCs may also review the existing Standard Operating Procedures (SOPs) prepared by SRPC and NRPC in their respective RPC forums.

239th OCC Deliberations

Powergrid informed that:

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

239th OCC Decision

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

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

- All constituents shall review the SOP (**Annex B.2.11**) as approved in NPC and submit comments within one week. Stakeholders shall specifically provide comments on the proposed 15% penalty clause w.r.t applicability of the penalty clause and utilisation of collected penalty amounts, i.e whether penalty amounts would accrue to Powergrid, pool account, or any separate reliability fund.
- OCC referred to TCC for further deliberation.

Members may discuss.

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

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

CEA may brief. Members may discuss.

2.5 Monitoring of Transmission Resource Adequacy: CEA

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

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

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

All ER states may update the status of intra-state planned transmission systems.

2.6 Capacity building on the transmission planning: CEA

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

CEA may brief. All Members may deliberate on the requirement of the capacity building on the transmission system planning.

2.7 Update on islanding schemes in ER.

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

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

As per 238th OCC:

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

1. Ranchi Islanding Scheme

- Nomination for ER sub-group of islanding scheme implementation was received from JUSNL.
- The kick-off meeting for the implementation of the Ranchi City Islanding Scheme was held on **23rd April 2026** under chairmanship of ERPC. Record Notes attached at **Annex B.2.1.n**
- To accurately define the electrical boundaries and load behaviour of the island, SLDC Jharkhand was requested to share:
 - **Island Boundary & Feeder Logic:** Clearly define the islanded area and provide a comprehensive list of feeders that must be disconnected to ensure successful island formation.
 - **Load Profiles:** Node-wise load data (Maximum, Minimum, and Average) for the identified area to ensure generation-load balancing.
 - **Defense Mechanism Data:** Current node-wise loads of Jharkhand that are already covered under **AUFLS** (Automatic Under Frequency Load Shedding) and **ADMS** (Automatic Demand Management System).
 - **Infrastructure Timeline:** Confirmation of the expected commissioning date for the **400kV Latehar New – Patratu New D/C** line, as this must be integrated into the islanding model.

As per 239th OCC:

SLDC Jharkhand apprised:

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

239th OCC Decision

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

2. Patna Islanding Scheme under PSDF

- In 54th TCC meeting held on 23.06.2025, BSPTCL had proposed to implement Patna Islanding Scheme through Internal Resource Fund.
- However, a meeting was held on 24th June 2025 under the chairmanship of the Hon'ble Minister of Power and Housing & Urban Affairs, wherein the matter of Islanding Patna city was discussed. In the meeting, it was decided that the State of Bihar would submit a proposal for funding the Islanding scheme by the Ministry of Power).
- In compliance to minutes of the meeting held on dt. 24.06.2025, Board of Directors, BSPTCL has approved for implementation of Patna Islanding Scheme through PSDF in 131st BOD meeting held on dt. 17.07.2025 vide its resolution no. 131-06.

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

55th TCC deliberation:

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

As per 239th OCC:

SLDC Bihar apprised:

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

239th OCC Decision

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

3. Ib Valley TPS Islanding Scheme (Odisha)

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

In 233rd OCC Meeting,

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

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

As per TCC meeting

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

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

55th TCC decision

- After deliberation, it was finalized that the scheme will be implemented with minimum load quantum of 140 MW at Budhipadar along with one unit of IB TPS generation.
- TCC pointed out the inordinate delay in implementing the scheme and opined that OPTCL & OPGC shall take necessary steps to implement the scheme within six months.

As per 238th OCC:

OPTCL updated:

Work order has been reportedly issued by OPGC to PRDC

ERLDC apprised:

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

238th OCC Decision

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

As per 239th OCC:

OPTCL updated:

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

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

239th OCC Decision

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

4. Bhubaneswar Islanding Scheme (Odisha)

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

As per 239th OCC:

Odisha representative updated that:

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

239th OCC Decision

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

5. Farakka islanding scheme

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

Members may update.

2.8 Regional Cyber Security Coordination Forums: ERPC

Under the Information Technology Act, 2000 and provisions of the Indian Electricity Grid Code, 2023, Sectoral CERTs have been designated to establish coordination forums for addressing cyber security issues and facilitating information sharing among utilities. Ministry of Power has notified sectoral CERTs for thermal, hydro, transmission, distribution, grid operation, and renewable energy.

The cyber security coordination forum in Grid Operation is functional. However, the cyber security forum has not been formed for Thermal, Hydro & Transmission Sectors.

In 17th NPC meeting held on 27 February 2026, it was advised that All RPCs should sensitize the matter in their respective RPC forums and encourage active participation of all utilities at both headquarters and field levels to enhance awareness and preparedness regarding cyber security issues. **(Annexure 2.1)**

NPC advised DP&T Division, CEA to formulate Central and Regional Cyber Security Coordination Forum for all DISCOMs as per IEGC Regulation 2023.

As per 19th TeST:

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

19th TeST Decision:

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

Members may discuss.

2.9 Strengthening of cyber security posture of Communication network of Sikkim SLDC: ERLDC

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

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

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

Deliberation in 18th TeST meeting

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

18th TeST Decision

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

19th TeST Decision:

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

Sikkim may update.

2.10 Strengthening of last mile connectivity of Sikkim SLDC: ERLDC

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

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

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

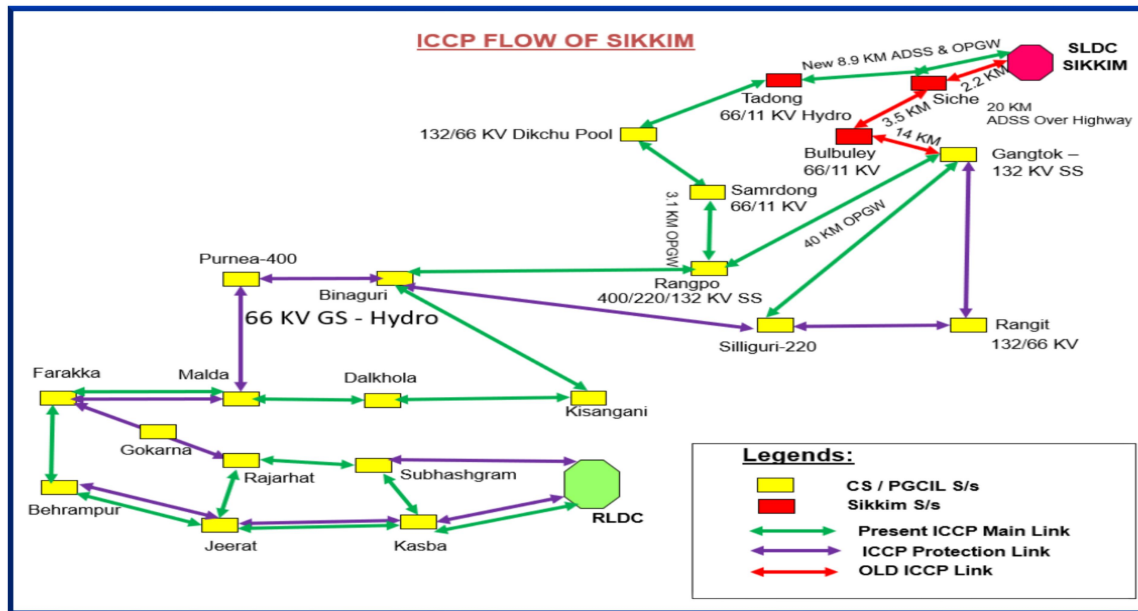
In the meeting the following emerged:

- a. For restoration of Sikkim SLDC- Gangtok communication link permanently, near about 6 Km of ADSS cable needs to be procured which will take considerable amount of time around 6 months, however Sikkim SLDC is ready to make some interim arrangement of laying of spare FO cable on said towers. Provided FO cable is provided from ongoing CSTDSS Project on requisition by Sikkim through POWER Department, Sikkim.
- b. Restoration of Sikkim, SLDC- Rangpo FO link by-passing through Sichey node through patching FO cable at Sichey.
- c. However, both the links passing through Sichey need route diversity.

In the meeting, it is discussed that both the links are prone to frequent cuts due to various reasons pertaining to geographically difficult conditions viz. frequent rain, landsliding etc. So further strengthening of last mile connectivity to Sikkim SLDC is required for critical grid-operational point of view.

Moreover, as per guidelines from the technical manual for communication systems, the same is to be strengthened with redundant communication links.

Sikkim Communication network



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

- TeST committee recommended to explore the possibility of deploying point-to-point microwave link as alternate to fibre communication in view of cybersecurity concerns. However, the best optimal solution should be figured out keeping in consideration the inherent challenges in Sikkim network.
- CTU was advised to carry out detailed study on alternate communication link in consultation with Sikkim SLDC. Operational feedback from ERLDC should be considered in study and accordingly feasibility of deploying alternate route may be explored. Study report should be shared with ERPC/ERLDC within a month.

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

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

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

Deliberation in 18th TeST meeting

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

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

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

18th TeST Decision

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

19th TeST Decision:

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

Sikkim may update.

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

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

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

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

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

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

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

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

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

As per 236th OCC meeting:

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

236th OCC decision

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

DVC may update. Members may discuss.

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

The BHEL make 50MVAR Line Reactor (Sl. No.: 6004881) of 400kV Indravati-Rengali Line at Rengali Substation was commissioned in the year 1990 (date: 16.03.1990) under JTTS (Jeypore Talcher Transmission System) project.

This Line Reactor was of 38 years old (Year of Mfg: 1987) and was failed on 23.07.2025, after serving 35 years against its useful life of 25 years.

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

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

- i) Bulging of tank was observed from HV side. Tank welding of top portion near HV bushings was completely opened and oil from top of the tank gushed out.
- ii) Fire-fighting pipeline of radiator got damaged near R-ph bushing.
- iii) All the 3 nos. 400 kV Bushings got damaged & porcelain housing of R & Y Ph found shattered.
- iv) B-ph bushing was ejected from the base mounting position of turret.
- v) The oil end porcelain portion of R & Y ph bushings found dislodged from the turret.
- vi) The HV lead of Y-ph bushing was found broken from the middle joint of draw lead of bushing connector.
- vii) Bottom insulation for Turret CTs of Y-ph bushing was found damaged and all turret CT coils of Y-ph fell inside the main tank.
- viii) Flashover mark observed from the bottom of oil end portion of Y-Ph bushing up to tank insertion point.
- ix) Burnt and carbonized crepe paper scrap, Y-ph Turret CT coils were found at bottom near to Y-ph bushing.
- x) R & B-ph bushings were dismantled and observed that R-ph winding connections were broken at the winding takeoff lead.

The above reactor was failed due to initiation of fault from the flashover in Y-Ph bushing (oil

end portion) and tank.

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

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

Request for consideration in ADDCAP Block :2024-29:

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

As per 237th OCC meeting:

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

237th OCC Decision

OCC referred the matter to TCC for further deliberation.

POWERGRID may update. Members may discuss.

2.13 Construction power for Darlipali Stage-II: NTPC

- The proposal envisages availing **construction power for Darlipali Stage-II from Darlipali Stage-I**, comprising two operational units of 800 MW each.
- NTPC has applied for 500 kVA power with TPWODL (Odisha DISCOM), and an estimate amounting to ₹31 lakhs has been submitted, which is currently under process for payment. The likely power drawl is expected to commence from June 2026.
- The proposal envisages availing **construction power for Darlipali Stage-II from Darlipali Stage-I**, comprising two operational units of 800 MW each.
- The power consumed for construction activities is required to be adjusted with the ex-bus of Stage-I. It is requested to kindly take up the matter with the concerned departments/authorities for necessary action

- The power shall be fed from the 11 kV Miscellaneous Switchgear (near FOPH Pump House) to the construction power network through two numbers of 5 MVA, 11/11.5 kV isolating transformers.
- BHEL has planned to draw construction power to the tune of 2.5 MVA. However, at present, they have requested 500 kVA due to limited ongoing activities. The requirement shall be increased progressively as per site needs.

As per 238th OCC meeting:

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

238th OCC Decision

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

Latest status:

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

NTPC may update. Members may discuss.

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

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

TCC may concur.

2.15 Scheduling issue of “Power to be sold outside long term PPA” from generating stations - ERPC Secretariat

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

As per 56th CCM meeting

- ✓ Representative of West Bengal submitted that the two categories of power, namely Gol allocation and share allocation based on bilateral PPA, are distinct in nature and therefore scheduling may be carried out separately for each category.
- ✓ Representative of GRIDCO also expressed their views in line with West Bengal regarding separation of two different categories of power, i.e., one is Gol allocated share and the other as Merchant power.
- ✓ Representative of NTPC submitted that, historically, Gol allocation and share allocation based on bilateral PPA were being published in a combined manner, and scheduling was also being carried out considering the combined allocation. Since no issue had arisen due to such combined scheduling practice, the same methodology may continue.
- ✓ SE (Commercial), ERPC submitted that, although all accounts are presently being carried out for the share based on bilateral PPA, the nature and character of the Gol allocation and bilateral PPA-based share are distinct. Accordingly, both categories of power may be shown separately in all accounts published by ERPC.
- ✓ Representative of NLDC submitted that, both Gol share allocation and bilateral PPA are considered as “Share” as per the definition provided under IEGC 2023. Further FTSPPII is a section 62 power station whose tariff is determined by CERC for the entire station. The PPA contains the provision of both MW and % (percentage) based allocation. Further the PPA payment terms are same as applicable for Gol share. All the relevant CERC regulations are equally applicable for both categories in this case. Accordingly, both categories may be accorded similar treatment in all commercial accounting including REA, incentive and compensation calculation in accordance with the extant regulations.

- ✓ It was highlighted that, on earlier occasion as well, when this capacity was tied up by FSTPP-III with beneficiaries, ERPC used to prepare share allocation considering such bilateral PPA also. Further in a similar case pertaining to Korba-III under WRLDC, allocation is being published by combining both categories of allocation, and scheduling is also being carried out considering the combined allocation. It was also noted that many section 62 power plants would be completing 25 years and new scenarios would emerge. NLDC further suggested that, in order to maintain uniformity of practice across all regions and considering that similar cases may arise in future, the matter need to be looked holistically and may be referred to the upcoming NPC meeting for detailed deliberation. Till such time, the existing practice of scheduling by combining both categories of power may continue.
- ✓ After detailed deliberations, the forum decided to refer the matter to the upcoming NPC meeting for taking a uniform approach at National level in this regard. The matter is also referred to 56th TCC meeting.
Till such time, the present practice from March 2026 onwards for scheduling and Accounting shall continue.

ERPC Secretariat may explain. Members may discuss.

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

The letter from GRIDCO regarding ash transportation bill raised by NTPC is provided in **Annexure – AA.1**

As per 56th CCM meeting:

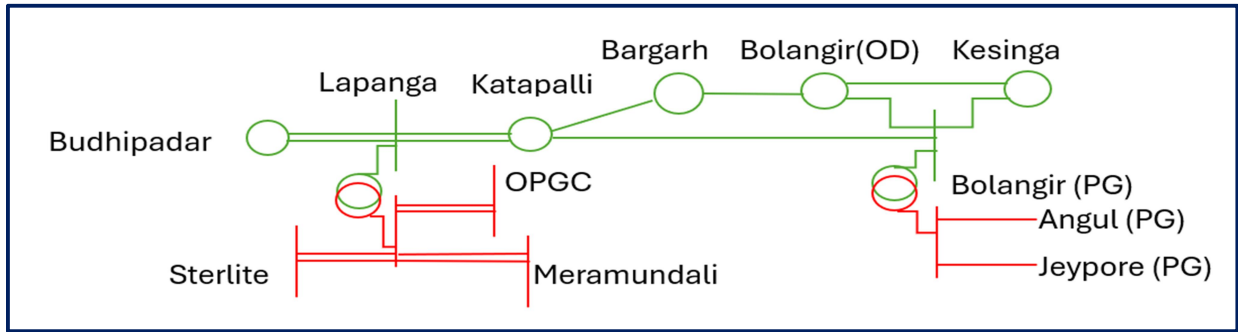
- ✓ Representative of GRIDCO raised their concern over abnormally high bills (Rs. 735,57,35,607 /- and Rs. 34,66,75,021 /-) raised by NTPC regarding ash transportation charges and related interest charges without any supporting documents. He submitted that the matter is sub-judice with Hon'ble CERC and there was no basis for the bill. He also raised the concern that since the bill is reflected in PRAAPTI portal, the issue be resolved quickly to avoid subsequent complications including power curtailment.
- ✓ Representative of West Bengal submitted that they are also facing similar issues.
- ✓ Representative of NTPC submitted that they were not prepared regarding the said agenda and sought time.
- ✓ Representative of ERLDC apprised that GRIDCO may approach PFCCCL with supporting documents for resolving the PRAPTI Portal related issue.
- ✓ The forum referred the above issue to the 56th TCC meeting for their kind consideration and advice.

NTPC may update. Members may discuss.

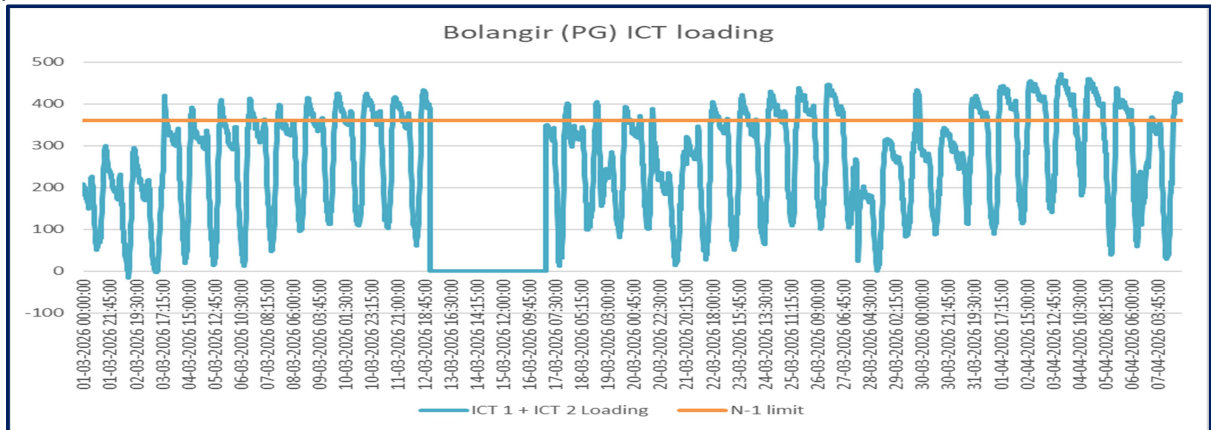
2.17 High loading and N-1 violation of 400/220kV ICTs at Bolangir (POWERGRID): ERLDC

Bolangir S/S is one of the major 400/200kV S/S in western Odisha catering load to Bolangir, Kesinga, Bargarh & Katapalli areas. In recent part, demand in this part of Odisha has increased significantly, which ultimately impacts the loading of ICTs of Bolangir. Supporting source of these areas is 220kV-Lapanga-Katapalli -D/C, which also operating at high loading mainly during summer period. ICT loading further increases with opening of 220 kV Katapalli-Bolangir(PG) and

220kV Katapalli-Bargarh lines to limit the loading of 220 kV Budhipadar-Lapanga D/c and 220 kV Lapanga-Katapalli D/c which are not N-1 compliant.



The matter was raised in 38th CMETS-ER meeting held on 27th December 2024 where in N-1 violation of ICT loading at Bolangir was deliberated. It was suggested that, in view of increasing trend of load in ICTs and future load growth, additional ICT may be installed at Bolangir as considerable time is required for approval, procurement and installation of ICT. In the meeting OPTCL stated that the present loading of Bolangir ICT is due to split operation of Lapanga – Katapalli – Bargarh – Bolangir 220kV corridor at Katapalli. They are in process of reconductoring of Lapanga – Katapalli 220kV section, after which the entire section would be operated in connected mode, thereby relieving the loading of Bolangir ICTs. It was decided to review the requirement of ICT augmentation in future as per system requirement / operational feedback. The loading of ICTs at Bolangir are on higher side as observed in 2026 and violating N-1 loading limit of 360MW due to opening 220kV links from Katapalli as evident from the loading pattern presented below.



Deliberations in the meeting

ERLDC intimated:

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

OPTCL updated:

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

OCC Decision

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

OPTCL may update. Members may discuss.

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

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

Jharkhand:

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

Sikkim:

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

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

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

Amount (in Rs)	Date
1,50,00,000	30-03-2024

1,50,00,000	17-04-2025
91,94,531	21-07-2025
2,00,00,000	02-12-2025
55,16,800	04-12-2025 (LC Encashment)

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

Further, the details of other pool members are enclosed as Annexure-B6.B1 and Annexure-B6.B2. This includes only principal amount. Moreover, the interest charges also need to be paid once issued.

Deliberation in the 56th CCM meeting

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

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

Concerned utilities may update.

2.19 Opening of LC by ER constituents for DSM payments.

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

Sl. No	ER Constituents	LC Amount (110% of Average weekly Deviation Charge liability) in ₹	Remarks
1	Bihar	₹ 1,37,30,451	-
2	Jharkhand	₹ 1,52,16,749	-
3	DVC	₹ 64,58,627	-
4	Sikkim	₹ 38,92,572	-
5	NTPC	₹ 4,64,90,481	-
6	MPL	₹ 2,03,369	-
7	APNRL	₹ 4,58,388	LC of ₹ 8,33,680 /- Valid upto 12.05.2026
8	Chuzachen	₹ 4,30,874	-
9	GMR	₹ 7,82,430	-
10	JIPL	₹ 14,16,996	-

11	JLHEP	₹ 37,624	-
12	NVVN-Nepal	₹ 1,52,00,422	-
13	BRBCL	₹ 12,87,114	-
14	Dikchu	₹ 3,05,914	-
15	PGCIL-Alipurduar	₹ 1,22,995	-
16	Tashiding HEP	₹ 1,01,351	-
17	East Central Railway	₹ 9,99,522	-
18	JSW Energy (Utkal) Limited	₹ 3,79,68,706	-
19	PVUNL	₹ 22,58,225	-

Further, the details of other pool members are enclosed as Annexure-B6.C.

Deliberation in the 56th CCM meeting

The forum advised all the entities to maintain requisite amount of LC and submit the details to ERLDC at the earliest.

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

Concerned utilities may update.

2.20 Status of Outstanding dues more than 45 days: CTU

Sl. No	Name of DIC's	Total Outstanding Dues (in Cr.)	Outstanding Dues more than 45 days (in Cr.)
(i)	India Power Corporation Limited (99.95 MW)	2.00	0.86
(ii)	Odisha Power Generation Company Limited (OPGCL)	11.11	11.11
(iii)	West Bengal State Electricity Transmission Company Ltd. (WBSETCL)	28.91	28.91

As per 56th CCM meeting:

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

Concerned utilities may update.

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

Ref.:

- (i) ERLDC communication dated 02.04.2026 regarding proposed change of default requisition option in WBES; **(Annexure B.2.25.1)**
- (ii) ERLDC letter dated 16.04.2026 regarding implementation of “Full Surrender” as default option in WBES w.e.f. 21.04.2026; **(Annexure B.2.25.2)**
- (iii) WBSEDCL email dated 18.04.2026 addressed to Member Secretary, ERPC, requesting deferment of implementation; **(Annexure B.2.25.3)**
- (iv) Email from ERLDC regarding deferment of implementation up to 07.05.2026; **(Annexure B.2.25.4)**
- (v) WBSEDCL reiteration email regarding objection to the proposed change dated 06.05.2026 **(Annexure B.2.25.5)**

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

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

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

As per 56th CCM meeting:

- Representative of NLDC submitted that, the practice of default option in WBES was “Total Full Requisition”. Accordingly, in cases where a beneficiary does not submit any requisition for a generating station, the system considers it as full requisition and prepares the schedule accordingly. Such default treatment leads to unintended over scheduling and violation of GNA by states.
- Representative of West Bengal was of the view that as the burden of Capacity Charges is fully borne by the beneficiaries, implementation of full surrender option would violate the basic rights of requisition of power of the beneficiary from the station. He further submitted that proper stakeholder consultation has not been carried out before implementation of the above option.
- The forum was of the view that the matter may be taken up in other higher forums with all the stakeholders for further deliberation and implementation. The forum also referred the issue to the upcoming 56th TCC meeting.

WBSEDCL submits that beneficiaries having long-term PPAs with ISGS stations are entitled to their allocated share unless the same is consciously surrendered or revised by them. Treating non-submission of requisition as zero requisition may adversely affect contractual entitlement, commercial

liability and day-ahead demand-supply planning. Therefore, such change should not be implemented unilaterally without detailed deliberation and consensus among beneficiaries/stakeholders.

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

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

ERLDC & WBSEDCL may explain. Members may discuss.

PART-C: ITEMS FOR INFORMATION

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

- As per IEGC 2023 Clause 15.2, “All users shall also conduct third party protection audit of each sub-station at 220 kV and above (132 kV and above in NER) once in five years or earlier as advised by the respective RPC.”
- Further, IEGC 2023 Clause 15.3 states that “After analysis of any event, each RPC shall identify a list of substations / and generating stations where third-party protection audit is required to be carried out and accordingly advise the respective users to complete third party audit within three months.”
- In 55th TCC& ERPC Meeting, ERPC approved budget estimate of Rs. 60(sixty) lakhs to carry out third party protection audit of 15(fifteen) nos. substation by ERPC Secretariat in FY 2026-27. Further ERPC Secretariat was advised to finalize the location of the proposed 15 substations in the OCC/PCC meeting.
- This matter was discussed in 155th,156th &157th PCC Meeting of ERPC and the following 15 substations have been finalized for third party audit:

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

5. 220 kV Rengali (OPTCL)	10. 400/220 kV Gokarno (WBSETCL)	15. 220 kV Rengali (OHPC)
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TCC may note.

3.2. Fees and charges of ERLDC

The reconciliation statements of FnC payments by registered users of ERLDC have been sent up to the period of Q1 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 3.6**.

3.3. Statements 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://erldc.in/market-operation/dsmreconciliation/>. The status of reconciliation as on 16.01.2024 is enclosed in **Annexure- 3.7.1 and 3.7.2**.

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

3.4. For TGNA payments made to CTU

The reconciliation statements of TGNA payments of Q-2 for FY 24-25 has been sent to CTU on 25.10.2024 and also uploaded the same at ERLDC website at <https://erldc.in/market-operation/ctu/>. 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- 3.8**.

3.5. For Payments made to TGNA Applicants

The reconciliation statements of TGNA payments for the period of Q-2 for FY 24-25 have been sent to the GRIDCO, APPCPL, DALMIA CEMENT (BHARAT) LIMITED (RCW) , HPX, IEXL, IPCL, NALCO(OD), PXIL, ITC Limited Corporate Office Kolkata, BSPHCL, AEL, NVVN, PTC, PCW, UCL ULTSLDCD47, UCL Cuttack, GMRETL, JSL, TSL, NEFA, UCL WB, Vedanta SEZ and TPTCL on dated 25.10.2024 and also uploaded the same at ERLDC website at <https://erldc.in/open-access/reconciliation-applicant/>. 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-3.9**.

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

A	<i>Strengthening of OPGW Network within the ER Grid and Connectivity with other Region</i>	DOCO	Remarks	Region
1	765kV Jharsuguda-Dharmjaygarh OPGW Link (148.603 KM) along with 2nos. of SDH equipment and 4 nos. OLIC at Jharsuguda and Dharmjaygarh end	31-08-2024	DOCO Letter Dtd. 08-10-2024	ODP

2	Durgapur - Farakka OPGW Link (OPGW Network - 157.745 kM)	23.06.2024	DOC Letter Dtd. 01.08.2024	ER-II
3	Durgapur - Sagardighi OPGW Link (OPGW Network - 133.572 kM) & Farakka-Purnea OPGW Link (OPGW Network - 179.643 kM)	25.06.2024	DOC Letter Dtd. 01.08.2024	ER-II
B	<i>Upgradation of SCADA/RTUs/SAS in Central Sector stations and Strengthening of OPGW network in Eastern Region</i>	DOC	Remarks	Region
4	Upgradation of SAS (Substation Automation System Hardware/License upgradation) at 09 locations (Chaibasa 400 KV, Gaya 765 KV, Kishenganj 400 KV, New Ranchi 765 kV, Chandwa 400 KV, Daltonganj 400 KV, Banka 400 kV, Lakhisarai 400 KV, Sasaram 765KV HVDC) and Implementation of BCU Based Substation Automation System (SAS) at 02 locations (Ara 220KV & Purnea 220KV)	21.12.2023	DOC Letter Dtd. 25.07.2024	ER-I
5	Upgradation of SAS (Substation Automation System Hardware/License upgradation) at 02 locations (220/132KV Birpara, 220KV New Melli SS)	31.03.2023	DOC Letter Dtd. 05.09.2024	ER-II
6	Upgradation of SAS (Substation Automation System Hardware/License upgradation) at 05 locations (765/400kV Angul, 400/220 kV Bolangir, 400/220 kV Keonjhar, 765/400 kV Sundargarh, 400/220 kV Pandibili)	10-02-2023	DOC Letter Dtd. 03.10.2024	ODP
7	Rangpo-Dikchu HPS OPGW Link (OPGW Network – 32.176 kM) and Upgradation of 01 no RTU at 400/220 kV Binaguri SS	12.09.2024	DOC Letter Dtd. 26.11.2024	ER-II
8	Upgradation of 01 no RTU at 132/66 kV Gangtok SS	04.08.2024	DOC Letter Dtd. 26.11.2024	ER-II
C	<i>Eastern Region Expansion Scheme (ERES) - XXXVI</i>	DOC	Remarks	Region

9	Installation of new 220/132 kV, 1x200MVA (4th) ICT along with associated bays & 132KV Cables at Ara (POWERGRID) Substation	18.08.2024	DOCOC Letter Dtd. 19.09.2024	ER-I
D	<i>Eastern Region Expansion Scheme (ERES) - XXVII</i>	DOCOC	Remarks	Region
10	Installation of 420 kV, 1 X 125 MVA Bus Reactor along with associated bays at Alipurduar (POWERGRID) Substation	26-09-2024	DOCOC Letter Dtd. 24-10- 2024	ER-II
E	<i>Eastern Region Expansion Scheme (ERES) - XXXI</i>	DOCOC	Remarks	Region
11	Installation of new 420 kV, 1 X 125 MVA Bus Reactor along with associated bays at Jamshedpur (POWERGRID) Substation	08-10-2024	DOCOC Letter Dtd. 20-11- 2024	ER-I

TCC may note.

PART-D: ESTABLISHMENT RELATED ITEMS

4.1. Expenditure statement of Establishment Fund for FY 2025-26

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

Sl.No	Head	Budget approved (in ₹)	Cumulative Expenditure (in ₹)
1	Reimbursement to Govt of India	4,71,34,957	3,97,16,832
1.1	Salaries	2,44,82,309	2,06,88,045
1.2	Allowances	2,17,52,648	1,85,60,345
1.3	Rewards	1,00,000	61,175
1.4	LTC	8,00,000	4,07,267
2	Medical Treatment	4,00,000	2,45,288
3	Training Expenses	6,00,000	1,13,280
4	DTE	19,00,000	18,92,427
5	Office Expenses	1,50,00,000	1,16,80,257
6	Fuel and Lubricants	1,01,000	1,00,764
7	Rent, Rates and Taxes for land & Buildings	24,00,000	21,94,660
8	Professional Services	5,00,000	74,340
9	Printing and Publications	1,00,000	23,132
10	Digital equipment and ICT	20,00,000	5,17,322
11	Material and supplies	9,50,000	7,19,479
12	Minor Civil and Electrical works	5,00,000	1,90,695
13	Repair and Maintenance	58,70,000	31,31,237
14	Installation of Fire Safety Equipment	10,00,000	0
15	Other Expenditure	8,00,000	5,52,161

16	Furniture & Fixture	1,99,000	0
17	Welfare & Recreation	2,50,000	46,260
18	OE-Meeting/Workshop/Seminar etc.	50,00,000	7,88,114
19	Rooftop Solar	30,00,000	24,26,060
20	Support Service of Protection Database & Management System	80,00,000	69,92,684
21	Income Tax	20,00,000	10,17,190
22	Protection Audit	35,00,000	29,79,500
TOTAL		10,12,04,957	7,54,01,682

ERPC may note.

4.2. Re-apportionment of Budget for FY 2025-26

Name of head	Approved BE (in ₹)	BE after re-apportionment (in ₹)
Furniture and Fixture	2,00,000	1,99,000
Fuel and Lubricant	1,00,000	1,01,000

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

ERPC may note.

4.3. Audit of ERPC fund and ERPC Establishment Fund for FY 2024-25

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

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

ERPC may note.

4.4. Proposal for Membership of SLDC Odisha

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

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

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

Members may discuss.

4.5. Proposal of Tata Steel Limited to become Non-Membership Participant of ERPC

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

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

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

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

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

Members may discuss.

4.6. Proposal of Hiranmaye Energy Limited (“HMEL”) to become Non-Membership Participant of ERPC

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

Asset details of HMEL are detailed below:

- ✓ Plant Name: Hiranmaye Energy Thermal Power Station
- ✓ Location: Haldia, East Medinipur, West Bengal
- ✓ Total Installed Capacity: 300 MW

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

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

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

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

Members may discuss.

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

Civil Division (KCD-II) of CPWD was entrusted with works of renovation/repairing of ERPC office building during the year 2015. Initially a vendor namely M/s Gora Chand Bose, selected through a composite tender process by CPWD was engaged. But due to unjustified delay in completion the offered work, the vendor was rescinded by the CPWD during November'2018. This vendor approached Tribunal for its pending payment from CPWD and won the case.

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

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

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

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

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

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

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

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

ERPC may note.

4.8. Hosting of 18th NPC Meeting

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

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

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

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

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

Members may discuss.

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

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

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

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

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

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

ERPC may approve.

4.10. Waiving off of ERPC gym membership charge

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

ERPC may approve.

4.11. Resolution on matter of CAG Observation on non-payment of Contribution to ERPC.

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

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

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

Name of the Constituent	Period of pending payment	Amount pending
M/s GI Hydro Pvt Ltd	FY 2017-18 to FY 2025-26	Rs.105.5 Lakhs
M/s Powerlink Transmission Limited	FY 2020-21 to FY 2025-26	Rs.57.5 Lakhs
M/s Vedanta Ltd	FY 2022-23 to FY 2024-25	Rs 25 Lakh

Decision in 55th ERPC Meeting-

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

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

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

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

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

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

In the said meeting-

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

Concerned utilities may update.

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

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

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

ERPC Members may discuss.

4.13. List of pending payment.

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

Membership Fees

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

2	PVUNL	2025-26	16 Lakh
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Non-Member Participation Fees

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

Members are requested to clear the pending payment.

II. Pending payment for FY 2026-27.

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

Members may note.

4.14. List of members of ERPC for FY 2026-27.

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

Constituent	ERPC Member		TCC Member	
	Name	Designation	Name	Designation
WBSEDCL	SHRI SANTANU BASU, IAS	CMD	Shri Ajay Kumar Pandey	Director (R&T)
WBSETCL	SHRI SANTANU BASU, IAS	MD	Shri Sukanta Biswas	DIRECTOR (OPERATION)
WBPDCCL	SHRI P B SALIM, IAS	CMD	Shri Subrata Mandal	DIRECTOR (O&M)
DPL	Shri Saibal Kanti Das	MD	Shri Sanjay Das	GM (Power & Projects)
WB SLDC			Shri Shouvik Banerjee	Chief Engineer
SIKKIM	Shri Bikash Deokota	SECRETARY	Smt. Shova Thapa	Pr. Chief Engineer-I (Transmission)
Sikkim SLDC			Smt. Shova Thapa	Pr. Chief Engineer
CEA	SHRI HEMANT JAIN	Member (GO&D)	Shri Subho Paul	Chief Engineer (GM)
BSPHCL	Shri Ajay Yadav, IAS	CMD	Not yet received Nomination	
BSPTCL	Shri Rahul Kumar, IAS	MD	Shri Abdesb Kumar Singh	Director (Operation)
SBPDCL	Shri Mahendra Kumar, IAS	MD	Shri Deepak Kumar Singh	Director (Project)
NBPDCL	SHRI RAHUL KUMAR, IAS	MD	Shri Vijay Kumar	Director (Operation)
Bihar SLDC			Shri Amitanand	Chief Engineer & Head SLDC

GRIDCO	SHRI VISHAL KUMAR DEV, IAS	CHAIRMAN	Shri Dr Satya Priya Rath, IAS	MD
OPTCL	SHRI BHASKAR JYOTI SHARMA, IAS	CMD	Shri P K Pattanaik	Director (Operation)
OPGC	SHRI KEDAR RANJAN PANDU	MD	Shri Anjana Ranjan Das	Director (Operation)
OHPC	SHRI VISHAL KUMAR DEV, IAS	CMD	Shri Amiya Kumar Mohanty	Director (Operation)
Odisha SLDC			Shri B B Mehta	Director (SLDC)
JUUNL	Shri Ranjeet Kumar Lal, IAS	MD	Shri Rakesh Raushan	Director (Tech)
JUSNL	SHRI K K VERMA	MD	Shri Asish Kumar	DIRECTOR (Operation)
JUVNL	SHRI K SRINIVASAN, IAS	CMD	Not yet received Nomination	
JBVNL	SHRI K SRINIVASAN, IAS	MD	Shri Prabhat Kumar Srivastava	Director (Distribution & Project)
TVNL	Shri Anil Kumar Sharma	Managing Director	Shri Anil Kumar Sharma	GM cum CE
Jharkhand SLDC			Shri Umesh Prasad	GM SLDC
DVC	SHRI SURESH KUMAR, IAS	CHAIRMAN	Shri S Srivastava	ED (COMMERCIAL)
DVC SLDC			Shri Sanjay Sharma	CE SLDC
NTPC LTD.	Shri Jaikumar Srinibasan	DIRECTOR (FINANCE)	Shri Vijay Goel	RED-I
			Shri E Satya Phani Kumar	RED-II
NHPC LTD.	SHRI SUPRAKASH ADHIKARI	DIRECTOR (TECHNICAL)	Shri Indradeo Prasad Ranjan	ED (O&M)
PVUNL	Not yet received Nomination		Not yet received Nomination	
SJVN	Shri Pulak Mukhopadhyay	CEO	Shri Vikas Mahajan	GM (Electrical) & HOD (O&M)
POWER GRID	Shri Naveen Srivastava	DIRECTOR (OPERATIONS)	Shri Nitin Srivastava (l/c)	ED, ER-I
			Shri A K Naik	ED, ER-II
			Shri A K Naik	ED, ODISHA PROJECT
ERLDC	Shri Surajit Banerjee	EXECUTIVE DIRECTOR	Shri Surajit Banerjee	EXECUTIVE DIRECTOR
NLDC	Shri Rajiv Kumar Porwal	DIRECTOR (SO)	Shri Manoj Kumar Agarwal	ED & Head NLDC
CTUIL	Sh Kailash Kumar Gupta	COO	Shri Vikas Bagadia	Dy COO
CESC LTD.	Shri Brajesh Singh	MD (GENERATION)	Shri Sandip Pal	Sr. V.P
MPL	Shri Basudev Hansdah	CEO	Shri Satish Pravu	Chief (O&M)
GMR KAMALANG A ENERGY	Shri Raghunath P V	Plant Head	Shri Prasant Senapathy	GM (Head Electrical)

LTD.				
JIPL	Not yet received Nomination		Shri Shubhang Nandan	Head Power (Sales & Regulatory), VP
SIKKIM URJA LTD.	Shri Adishesu Gopalam	MD	Yogendra Kumar	VP
BRBCL	Shri Deepak Ranjan Dehuri	CEO	Shri Subodha Kumar Sudhakar	GM (O&M)
PTC	Shri Manoj Kumar Jhavar	MD & CEO	Shri Bikram Singh Guram	ED (Marketing)
NVVN	Smt. Renu Narang	CEO	Shri P K Jena	CGM (Power Trading)
NKTL	Not yet received Nomination		Shri Ravindra Atale	Head O&M-Sr. VP
MBPCL (Not finalised)	Shri P.S. Duttgupta	Whole time Director	Not yet received Nomination	
IPCL (Not finalised)	Not yet received Nomination		Not yet received Nomination	

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

Name of the Organisation	Name of the officer	Designation
DANS Energy Pvt Ltd (Jorethang)	Sumit Nanda	Managing Director
Shiga Energy Pvt. Ltd (Tashiding)	Sumit Nanda	Managing Director
Sneha Kinetic Power Projects Ltd. (Dikchu) (A subsidiary of Grenko)	Viswanath Attaluri	Chief Comml. Officer
Greenko Energies Pvt. Ltd (Chuzachen) earlier Known as GI / Gati Infra	Viswanath Attaluri	Chief Comml. Officer
MBPCL (Rongnichu)	Shri P.S. Duttgupta	Whole time Director
Adhunik Power & Natural Resources Ltd	Arun Kumar Mishra	CEO
Haldia Energy Limited	Brajesh Singh	Managing Director (Generation)
JSW Energy (Utkal) Ltd		
Rashmi Group	Indu Bhusan Chakraborty	Chief-Power Management
Vedanta Limited	Satya Nayak	Head-Electrical Power Projects

Alipurduar Transmission Limited	Ravindra Atale	Head O&M-Sr. VP
North Karanpura Transmission Ltd	Ravindra Atale	Head O&M-Sr. VP
EAST-NORTH INTERCONNECTION COMPANY LIMITED	Sanil Namboodiripad	Chief Operating Officer
Odisha Generation Ph-II Transmission Ltd	Sanil Namboodiripad	Chief Operating Officer
Purulia & Kharagpur Transmission Co. Ltd	Sanil Namboodiripad	Chief Operating Officer
Darbhanga Motihari Transmission Co. Ltd	Nimish Seth	Head Power Transmission
Powerlinks Transmission Ltd	Vishwas Surange	CEO & ED
Sikkim Power Transmission Limited	Prabhat Kumar	Associate Vice President
Cross Boarder Power Transmission Limited	Mahesh Chandra Tiwari	Director
Tata Steel UISL	Atul Bhatnagar	Managing Director
HPX Ltd.	Harish Saran	Managing Director
India Power Corp. Ltd	Raghav Kanoria	Managing Director

All constituents are requested to update the Name, Designation, Photo, contact number and email-id of ERPC and TCC members on quarterly basis in April, July, October and January months to Member Secretary ERPC (mserpc-power@nic.in) and Assistant Secretary ERPC (hoo-erpc@gov.in) or whenever there is a change.

Members may note.

4.15. ERPC Website.

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

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

Members may note.

4.16. Removal of Microwave tower.

There is one microwave tower erected at ERPC office complex for a long time. This tower was used earlier for data and speech communication from the Control room of load despatch centre. No documents regarding its ownership could be traced in the office. ERPC Secretariat wrote letter to BSNL regarding the ownership of the steel tower. However, no reply has been received from them. Subsequently matter was discussed with few old officials of ERPC who intimated that the tower was erected by the ERPC (erstwhile Eastern Regional Electricity Board) and ERPC is the owner of the same.

This tower is lying unfunctional now and occupying a large area of the office premises. Since it is not maintained properly, it poses a safety concern for human and properties.

Therefore, it is proposed that tower may be dismantled and area may be used for official purpose by ERPC.

Members may discuss.

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

A. ERPC Office Building and Garage building:

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

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

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

B. (i) ERPC Residential Quarters:

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

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

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

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

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

and overall renovation as per the new CPWD guidelines. (Current Photographs of the same is attached)

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

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

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

- (i) **Any public sector undertaking established by the central or state government for civil or electrical works**
- (ii) **Any other Central/State Government organization/PSU notified by the Ministry of Housing and Urban Affairs (MoHUA) for such purposes, after evaluating their financial strength and technical competence."**

Approval is requested for the selection of a consultant through GeM, following above GFR rules, to prepare a Detailed Project Report (DPR) for the proposed works. This report will subsequently be presented to the ERPC forum for suggestion/approval before finalizing the tender.

ERPC may approve.

4.18. Empanelment of vendor for hiring vehicle on rate contract basis.

This office has only one vehicle, a TATA HEXA, registered in the name of ERPC, which is used for the day-to-day for official purposes. It is important to note that during official events, it becomes challenging to provide the office vehicle to accommodate all requests from different officials at the same time.

For this purpose, ERPC usually hires vehicles from local vendors after conducting a market survey, however, this process can be time-consuming. Therefore, the ERPC Secretariat is looking to empanel vendors to provide vehicles on a rate contract basis on as and when required basis. This will help to serve the situation smoothly without being going for market survey at every time by inviting quotations.

ERPC may approve.

4.19. Finalisation of dates and venue for the next ERPC & TCC meetings.

List of meeting held earlier is given below-

Sl.No.	Host Organization	Remarks
1	ODISHA	31 st ERPC Mtg. on 14.11.2015

2	JHARKHAND	32 nd ERPC Mtg. on 20.02.2016
3	BIHAR	33 rd ERPC Mtg. on 25.06.2016
4	CESEC	34 th ERPC Mtg. on 19.11.2016
5	TPTCL	35 th ERPC Mtg. jointly on 25.02.2017
6	MPL	35 th ERPC Mtg. jointly on 25.02.2017
7	GMRKEL	36 th ERPC Mtg. on 26.08.2017
8	POWERGRID	37 th ERPC Mtg. on 17.06.2018
9	DVC	38 th ERPC Mtg. on 30.06.2018
10	NVVN	39 th ERPC Mtg. on 17.11.2018
11	NHPC	40 th ERPC Mtg. on 16.03.2019
12	NTPC	41 st ERPC Mtg. on 27.03.2019
13	PTC	42 nd ERPC Mtg. on 13.12.2019
14	ERPC Sectt.	43 rd , 44 th , 45 th ERPC Mtg. during 2021-2022
15	WEST BENGAL	46 th ERPC Mtg. on 06.08.2022
16	ERPC Sectt.	47 th on 25.11.2022 & 48 th (Online) ERPC Mtg.
17	Power Dept, Sikkim & Sikkim Urja Limited jointly hosted	49 th ERPC Meeting on 24.03.2023
18	ERPC Sectt.	50 th ERPC Mtg on 11.08.2023
19	ERPC Sectt.	51 st ERPC Mtg (Online) on 12.01.2024
20	NTPC	52 nd ERPC Mtg. on 06.08.2024
21	ODISHA	53 rd ERPC Meeting on 11.02.2025
22	POWERGRID	54 th ERPC Meeting on 18.07.2025
23	ERPC Sectt.	Special Joint TCC & ERPC Meeting (online) on 11.08.2025
24	IndiGrid	55 th ERPC Meeting on 18.12.2025

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

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

Members may decide.

End