Eastern Regional Power Committee

233rd OCC MEETING

Venue: ERPC Secretariat, Kolkata

Date: 21.11.2025

Contents

EASTERN REGIONAL POWER COMMITTEE

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

1. PART-A: CONFIRMATION OF MINUTES

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

The minutes of 232nd Operation Coordination Sub-Committee meeting held on 22.09.2025 was circulated vide letter dated 29.09.2025.

Members may confirm the minutes of 232nd OCC meeting.

2. PART-B: ITEMS FOR DISCUSSION

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

ACPP II is the Angul Captive Power Plant II, a 1050 MW (2 x 525 MW) power plant being set up by Jindal Steel & Power (JSPL) at its Angul, Odisha facility. It is a significant part of JSPL's (Connected with 400KV Meramundali via Double Circuit) capital expenditure plan to expand its power generation capabilities and support its steel plant operations. 400KV Network Connectivity of ACPP II is shown in the Fig. 1 below.
ACPP II Plant was first time charged on 25th October 2025. Subsequently, first unit of 525 MW of ACPP II was charged on 3rd November 2025 and started generating in the tune of 150-200MW.

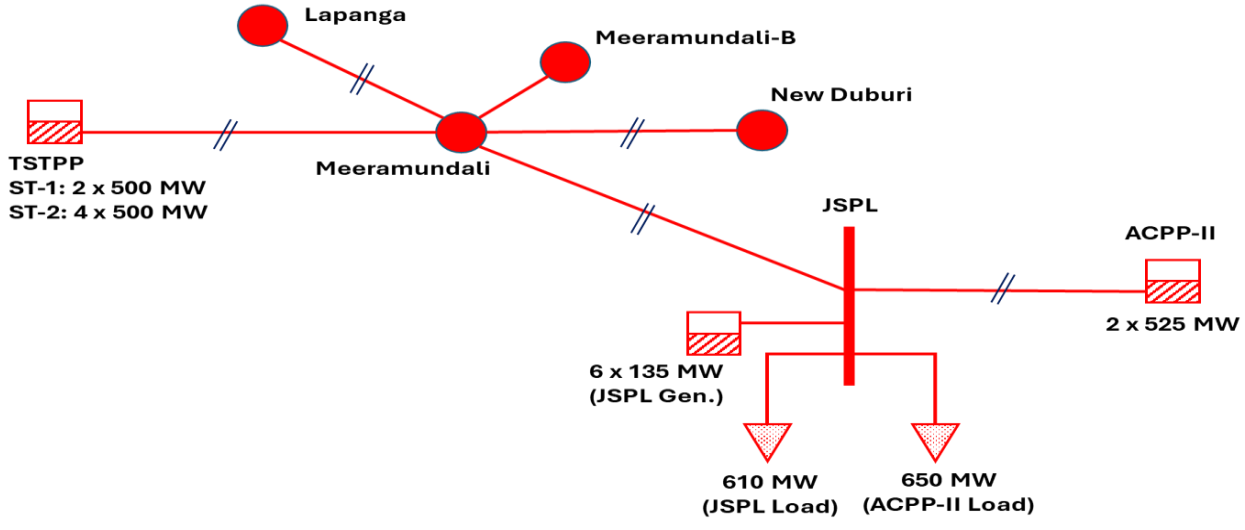

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Figure 2-1: Network around JSPL/ACPP-II

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

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

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

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

Following points were discussed:

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

SLDC Odisha may update. Member may Discuss.

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

400kV Farakka-Kahalgaon D/C and 400kV Talcher-Meeramundali D/C transmission corridors are critical for power import to West Bengal and Odisha, respectively. During recent summers, these lines have experienced high power flows nearing their thermal limits. To address this, reconductoring with HTLS conductors has been approved under ERES-43 scheme with SCOD of 02.03.2026. POWERGRID has been entrusted with executing this reconductoring work under RTM. As demand remains lower between November and February due to favourable weather condition, it was discussed that the reconductoring work for both lines need to be completed by February 2026 to ensure reliable power supply.
The matter was discussed in 232nd OCC Transmission line outage meeting wherein It was decided to discuss detailed outage plan in separate coordination meeting involving all stakeholders. Kick off meetings were conducted with POWERGRID on 29th Oct'25 and 4th Nov'25 for efficient outage planning. The coordination meetings involving all the parties were scheduled on 18th November 2025. The Outcome of the Meetings would be updated in the coming OCC to be held on 21st Nov 2025.

ERLDC may update. Members may discuss.

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

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

System	*Station*	*Unit*	*Capacity (MW)*	*LGBR Approved*		*No. of Days*	*Revised proposed*		*Reason*
				From	*To*		*From*	*To*	
NTPC	NABINAGAR STPP	*2*	*660*	5-Jan-26	18-Feb-26	*42*			AOH
	FARAKKA STPS	*6*	500	15-Jan-26	18-Feb-26	*35*			*AOH*
DVC	MEJIA TPS	8	500	11-Jan-26	4-Feb-26	*25*			BOH
	KODARMA TPP	2	500	11-Feb-26	17-Mar-26	*35*			COH
WBPDCL	BANDEL TPS	5	210	3-Feb-26	9-Mar-26	35			BTG OH
	KOLAGHAT TPS	4	210			35	05.01.2026	11.01.2026	ESP R&M

Members may discuss/update.

2.4 Shutdown Program of Tashiding HEP-Unit 2

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

Tashiding may update. Members may discuss.

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

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

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

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

In view of the above, SLDC, West Bengal requests that this concern be duly incorporated in the Minutes of the Meeting. It is further requested that the representative from PGCIL deliberate on the matter and initiate appropriate action to ensure that a fair, transparent, and financially prudent resolution is reached prior to finalizing the AMC extension.

WBSLDC may update. Members may discuss.

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

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

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

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

Prices are inclusive of GST.

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

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

It is also pertinent to emphasize that a **common software platform and harmonized system-study database** across all ER constituents is inherently beneficial and promotes operational coherence. However, given the present pricing scenario, the Siemens quotation compels us to

explore alternative solution providers offering system-study tools with more competitive and logically structured commercial terms.

WBSLDC & ERLDC may update. Members may discuss.

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

A new unit (1×800 MW) is planned under Stage-II expansion at Darlipali Super Thermal Power Station. Construction activities are scheduled to commence shortly, and to ensure smooth execution, reliable and uninterrupted construction power will be required.

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

NTPC may explain. Members may discuss.

2.8 Modalities of scheduling and accounting of Patratu Stage-1

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

- Implementation of applicable ISTS and STU losses for injection into / drawal from the ISTS by Patratu.
- Consideration of Deemed GNA for scheduling of Patratu based on the quantum of connectivity with the host State.
- Increment in Jharkhand's GNA for Scheduling to accommodate schedule from Patratu to Jharkhand.
- Participation of Patratu in SCED, SCUC, and Ancillary Services.

Members may note.

2.9 Update on follow up agenda:

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

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

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

232nd OCC decision:

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

WBSLDC may update. Members may discuss.

b) Intrastate Transmission Network Assessment & Mitigation – Odisha:

As deliberated in 231st OCC meeting held on 22.09.2025, OPTCL and SLDC Odisha were directed to submit actions taken report i.r.o. near miss event in Odisha on 12th August 2025 and constitute the committee as recommended earlier, comprising of members of ERPC, ERLDC, SLDC, & OPTCL to review the protection settings and the short-term/long-term measures as suggested by ERLDC.
OCC also advised SLDC Odisha to obtain approval from appropriate authority for implementation of UVLS scheme proposed for safeguarding the load of capital city and nearby areas from cascaded failure.
232nd OCC decision:
OCC advised Odisha SLDC to obtain approval from the appropriate authorities for the implementation of the UVLS scheme so that the proposed scheme may be implemented at the earliest.
Update:
The action taken report is yet to be received from OPTCL and SLDC Odisha. Any communication related to approval from appropriate authority is yet to be received from SLDC.

OPTCL & Odisha SLDC may update. Members may discuss.

c) Intrastate Transmission Network Assessment & Mitigation – DVC:

Implementation of SPS scheme for N-1 compliance of ICTs at Bokaro
OCC advised DVC to expedite the implementation of the above suggested measures by ERLDC to improve the system resilience and reliability. A joint study was conducted on 22nd October 2025 where SPS proposal was discussed.
232nd OCC decision:
OCC advised SLDC, DVC to expedite the implementation of the SPS to improve the system resilience and reliability at the earliest.
Update:
Implementation timeline yet to be received from SLDC DVC.
DVC may update. Members may discuss.

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

OCC acknowledged the operational need for the shorting of the 400 kV Farakka-Gokarna line for increasing the redundancy of the WB network. OCC advised PG ER-I to identify the location for shorting of the above-mentioned lines at the earliest and the same maybe shared with ERLDC, WBSLDC and ERPC. 400kV FSTPP-Gokarna direct CKT formed after shorting above two lines was charged on 02.10.2025.
232nd OCC decision:

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

Update:

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

PGCIL may update. Members may discuss.

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

Reference:

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

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

As per 232nd OCC:

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

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

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

OCC Decision:

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

• OCC requested Powergrid to accord top most priority for resolution of the issue and must explore all possible solutions in consultation with their corporate office for successful completion of the bidding process without further delay.

• OCC advised ERLDC & WBSLDC to explore the suggestion of PGCIL to use any existing Line and Bus reactor bay as an interim measure for 3rd ICT commissioning.

• OCC advised, PowerGrid to update the progress in tendering of GIS bay in the next OCC meeting.

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

PGCIL may update. Members may discuss.

f) Update on IB Valley TPS Islanding Scheme

IB valley TPS Islanding scheme has also been put on hold for long time. The status

regarding the same has been sought on urgent basis by Ministry of Power (Govt of India). 229th OCC Decision:

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

As per 232nd OCC:

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

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

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

SLDC, Odisha may update. Members may discuss.

g) Commissioning of an additional 250 MVA ICT at Tenughat

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

As per 232nd OCC :

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

OCC Decision:

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

JUSNL may update. Members may discuss.

h) Implementation of AGC in Intra-state generating units

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

As per 232nd OCC:

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

NTPC may update. Members may discuss.

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

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

As per 232nd OCC:
DVC suggested that a joint visit involving personnel from DVC and WBSLDC be conducted to identify a suitable location for installation of the proposed CB at Kolaghat (WB).

➢ WBSLDC agreed with the proposal.

WBSEDCL and DVC may update. Members may discuss.

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

New Melli SS of POWERGRID is purely switching SS and for auxiliary supply majorly dependent upon 11 KV supply by EPDS/Sikkim and during intermittent period, available DG Set supplied the requisite source. As New Melli SS is located in hills such type of problems is very frequent in rainy season (April-October) for each year. Being switching station, there is no option for any System dependant auxiliary (Like Tertiary Transformer) and only frequent start/stop of DG set is other alternative. Such type of frequent interruption is detrimental to Substation auxiliaries as well as main equipment's. Failure, of Battery Charger card was observed in such stations, and many times creating serious constraints and installed Batteries also affected. To overcome such situation, an available alternative is designed to have optimum sizing of BESS (Battery Energy Storage System) in line with GoI directives for adopting green alternative. For New Melli, as per requirement, a system of 120 Kw for 06 Hours back-up envisaged. Details technicalities are attached in Annexure-I. This option shall be adequate for hill areas where extending any connectivity is highly terrain dependant and overall, not that reliable. For subject activity, offer taken from M/S. EESL, having specialization in such activities across country. Total cost implication including AMC, comes to Rs. 3.4 Crore (Excluding applicable Taxes). As it is going to enhance system reliability, it is proposed to consider the expenditure under ADDCAP 2024-29 of original project i.e. Sikkim-B.

As per 232nd OCC:

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

➢ PGCIL further informed that reliability of the 11 kV feeder is low, especially during the rainy season, leading to frequent operation of the two DGs presently available to meet auxiliary requirements.

➢ PowerGrid requested the commissioning of a BESS as an alternative under ADDCAP, with an estimated cost of Rs. 3.4 Crore which will be recovered as regional component impacting all ER states. OCC Decision: OCC acknowledged the requirement for an additional power source due to the frequent tripping of the single 11 kV feeder at New Melli.

➢ OCC observed that the views of SLDC, Sikkim needs to be taken to assess the reliability of 11kv feeder however Sikkim representative was not present in the meeting.

➢ OCC advised PGCIL to submit all the tripping instances of 11kv feeder at New Melli S/S and oil consumption details of the DG set.

➢ Considering the high cost of the proposed BESS, OCC advised that alternative measures be explored in consultation with Sikkim SLDC, or PowerGrid may opt for another DG as an interim measure.

PGCIL may explain. Members may discuss.

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

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

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

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

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

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

•Option 1: Split the bus at Balimela and keep one or two generating units in service to inject power radially into SR/AP, depending on the 220 kV line loadings in the Sileru complex.

•Option 2: The radial load in AP may be supplied through the 220 kV Upper Sileru– Balimela single circuit line. OPTCL may explain.

As per 232nd OCC:
OPTCL submitted that for evaluation of options suggested by SRPC, they need base case scenario from SRLDC to carry out the system study.
OPTCL also requested for support of ERLDC in this regard. OCC Decision:

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

SLDC, Odisha may update. Members may discuss.

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

3.1. ER Grid performance during October 2025

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

AVERAGE CONSUMPTION (MU)	MAXIMUM CONSUMPTION(MU)/ DATE	MAXIMUM DEMAND (MW)	MINIMUM DEMAND (MW)	SCHEDULE EXPORT	ACTUAL EXPORT
		DATE / TIME	DATE / TIME	(MU)	(MU)
556 MU	591.5 MU, 22.10.2025	28231 MW, 22.10.2025 at 18:19 Hrs.	18060 MW, 31.10.2025 at 06:07 Hrs.	3525	4029

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

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

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

In 232nd OCC Decision: -
All generators were advised to regularly share high resolution data against each reportable frequency event with ERLDC on time to facilitate accurate assessment of FRP for respective control areas.
All generating utilities were also urged to update the google sheet (link mentioned above) with email address where notifications of reportable events will be shared.

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

The latest data receipt status is given below: (as on 12.11.2025):

STATIONS		11-05-2025 16:51 HRS	12-06-2025 13:34 HRS	16-06-2025 11:51 HRS	22-07-2025 19:46 HRS	29-07-2025 14:55 HRS	01-09-2025 14:57 HRS	24-09-2025 11:04 HRS	24-09-2025 11:32 HRS	15-10-2025 12:11 HRS
FSTPP #STG 1 & 2	ISGS									
FSTPP # STG 3	ISGS									
KhSTPP #STG 1	ISGS									
KhSTPP #STG 2	ISGS									
TSTPP #STG 1	ISGS									
Barh stage-1	ISGS									
Barh stage-2	ISGS									
BRBCL	ISGS									
Darlipalli	ISGS									
North Karanpura	ISGS									
NPGC	ISGS									
TEESTA V	ISGS									
Dikchu										
IBEUL (JSW UTKAL)/INDBHARAT	IPP									
GMR	CPP									
MPL	CPP									
ADHUNIK	CPP									
JITPL	CPP									
TEESTA III	CPP									
Bihar	STATE									
Jharkhand	STATE									
DVC	STATE									
OPTCL	STATE									
WB	STATE									
Updated as on	11.11.2025									
	Received									
	Not Received									
	Plant Out									
	Data freeze at plant									

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

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

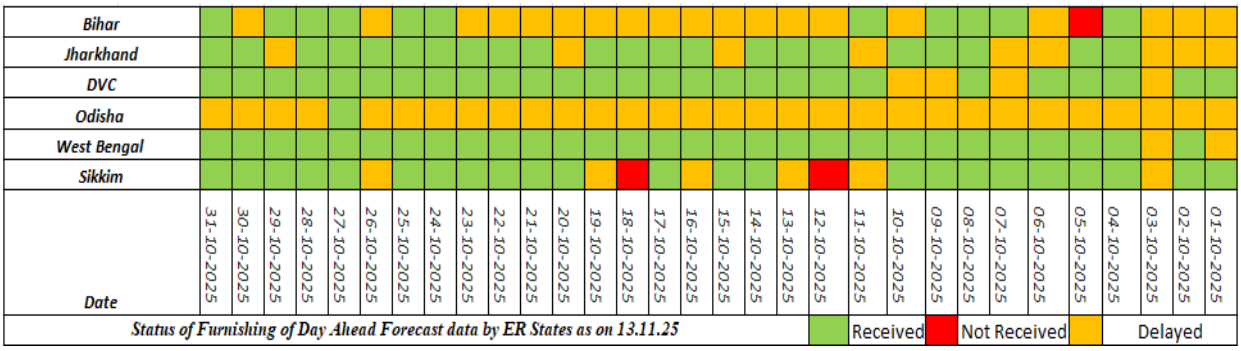
ERLDC may explain and all SLDCs may update. Members may discuss.

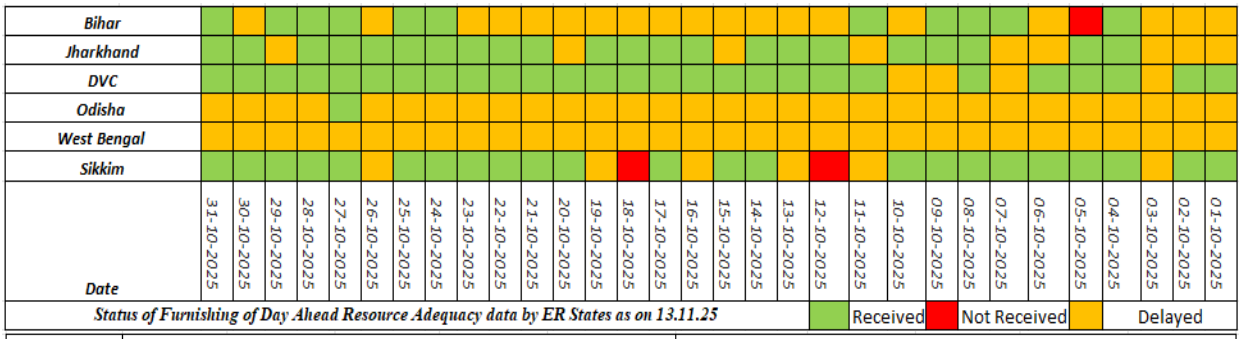
3.3. Regarding Non-Submission of Forecasting Data from States: ERLDC

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

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

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





	Status of Furnishing of Week Ahead Forecast data by ER States					Status of Furnishing of Week Ahead Resource Adequacy data by ER States				
Bihar										
Jharkhand										
DVC										
Odisha										
West Bengal										
Sikkim										
Date	2025-10-27 to 2025-11-02	2025-10-20 to 2025-10-26	2025-10-13 to 2025-10-19	2025-10-06 to 2025-10-12	2025-09-29 to 2025-10-05	2025-10-27 to 2025-11-02	2025-10-20 to 2025-10-26	2025-10-13 to 2025-10-19	2025-10-06 to 2025-10-12	2025-09-29 to 2025-10-05
				RECEIVED		NOT RECEIVED			DELAYED RECEIVED	

	Status of Furnishing of Month Ahead Forecast data by ER States					Status of Furnishing of Month Ahead Resource Adequacy data by ER States				
Bihar										
Jharkhand										
DVC										
Odisha										
West Bengal										
Sikkim										
Date	01-10-2025 to 31-10-2025 (October 2025)					01-10-2025 to 31-10-2025 (October 2025)				
				RECEIVED		NOT RECEIVED			DELAYED RECEIVED	

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

4. PART-D: OPERATIONAL PLANNING

4.1. Anticipated power supply position for November-2025

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

Members may update.

4.2. Major Thermal Generating Units/Transmission Element outages/shutdown in ER Grid (as on 21-10-2025)

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

9	NORTH KARANPURA	JHARKHAND	NTPC	1	660	Tripped on boiler tube leakage	12-Nov-2025
10	BARH	BIHAR	NTPC	2	660	Boiler Tube Leakage	11-Nov-2025
11	BOKARO-A'	DVC	DVC	1	500	Ash evacuation problem	12-Nov-2025
12	Sterlite	ODISHA	SEL	1	600	Problem in PA fan	11-Nov-2025
13	RTPS	DVC	DVC	1	600	Class B protection operated	04-Oct-2025

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

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

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

Hydro Unit Outage Report: -

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

8	TEESTA HPS	SIKKIM	NHPC	2	170	Sudden cloudburst at glacier fed LOHNAK Lake followed by huge inrush of water in Teesta River and damage of Teesta III Dam & downstream Powerhouses	04-Oct-2023
9	TEESTA HPS	SIKKIM	NHPC	3	170		
10	U.KOLAB	ODISHA	OHPC	3	80	Annual Overhauling	17-Oct-2025
11	BURLA HPS/HIRAKUD I	ODISHA	OHPC	7	37.5	Abnormal sound from slip ring area	18-Sep-2025
12	CHIPLIMA HPS / HIRAKUD II	ODISHA	OHPC	1	24	Capital Overhauling	15-Dec-2023
13	BALIMELA HPS	ODISHA	OHPC	5	60	Repair and maintenance work	16-Jan-2025
14	BALIMELA HPS	ODISHA	OHPC	6	60	Initially unit was out due to Severe water leakage from turbine, later unit was taken under Repair and maintenance work from 00:00 hrs of 16.01.25	06-Jan-2025
15	BALIMELA HPS	ODISHA	OHPC	4	60	Annual maintenance	25-Oct-2025

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

Transmission Element / ICT	Outage From	Reasons for Outage
220/132 KV 100 MVA ICT II AT LALMATIA	22-01-2019	220/132KV, 100MVA Transformer (NTPC side) is charged on 07.02.2024 from HV side on no load. Now, it is in idle charged condition
220KV-FSTPP-LALMATIA-I	21-04-2021	Two nos. of tower collapsed on 29.05.2024 near to Lalmatia GSS in the Loc. No. 246 & 247. Presently 220 kV Farakka-Lalmatia line is charged(from loc no 241 to loc 84) at 132 kV voltage level for anti-theft purpose by tapping at loc. No. 100-101.

132KV-BARHI-RAJGIR-1	25-03-2023	Dismantling of tower no. 227, 228, and 229 crossing the premises of Mahabodhi Cultural centre along with Destringing of conductor of both circuits and Earthwire between tension tower no. 218-237 in same line.
132KV-NALANDA-BARHI(DVC)-1	25-03-2023	Dismantling of tower no. 227, 228, and 229 crossing the premises of Mahabodhi Cultural centre along with Destringing of conductor of both circuits and Earthwire between tension tower no. 218-237 in same line.
400KV-RANGPO-TEESTA-V-1	04-10-2023	Tower near gantry of Teesta V powerhouse collapsed due to sudden cloudburst at glacier fed LOHNAK Lake followed by huge inrush of water in TEESTA river and damage of Teesta III Dam & downstream Powerhouses
400KV-RANGPO-TEESTA-V-2	04-10-2023	Tower near gantry of Teesta V powerhouse collapsed due to sudden cloudburst at glacier fed LOHNAK Lake followed by huge inrush of water in TEESTA river and damage of Teesta III Dam & downstream Powerhouses
132KV-RANGPO-SAMARDONG-1	22-05-2024	Rangpo:Y_N fault with fault distance 0.157 KM ,14.562kA Samardong: NA
132KV-CHANDIL-MANIQUI-1	05-06-2024	Power assistance withdrawn
400KV/220KV 315 MVA ICT 1 AT NORTH KARANPURA	12-09-2024	Tripped on Differential protection
132KV-MADHEPURA (BH)-SAHARSA(PMTL)-1	23-09-2024	To control loading on 132kV Madhepura-Sahrsa line
400KV/220KV 315 MVA ICT 1 AT TSTPP	01-11-2024	Tripped on PRD protection
132KV-PATRATU-PATRATU-1	16-11-2024	Diversion/Heightening of line due to inadequate clearance from under construction railway Line by PVUNL
400KV/220KV 315 MVA ICT 2 AT MEJIA-B	20-01-2025	Tripped during charging of ICT#1 bay with cable from 220 kv GIS side
400KV/220KV 315 MVA ICT 1 AT LATEHAR	22-04-2025	R phase LA of 400/220/33 KV ICT - I got bursted

400KV/220KV 315 MVA ICT 2 AT LATEHAR	16-04-2025	Transformer REF protection operated
400KV/220KV 315 MVA ICT 2 AT KODERMA	02-06-2025	Transformer Differential Protection operated
132KV-RAXAUL(NEW)-PARWANIPUR-2	03-07-2025	To carry out Gantry erection works at near by Parsauni 132/66/33 kV Substation of Nepal
132KV-RAXAUL(NEW)-PARWANIPUR-1	03-07-2025	To carry out Gantry erection works at near by Parsauni 132/66/33 kV Substation of Nepal
220KV-RAJARHAT-NEW TOWN(AA-II)-1	10-07-2025	Emergency shutdown for BCU replacement work at Rajarhat. Charging attempted but tripped on SOTF. B_ph cable faulty
400KV MAIN BUS - 2 AT DIKCHU	05-08-2025	Bus bar protection operated
400KV-DIKCHU-RANGPO-2	05-08-2025	Damaged insulator replacement work. While charging the line bus bar protection operated at Dikchu
400KV-ALIPURDUAR (PG)-PUNASANGCHUN-1	09-06-2025	CONNECTION OF ALL PHASE JUMPERS AT LOC. 177
400KV-PVUNL-PATRATU-2	19-08-2025	Patratu end:General trip,DT received & overvoltage protection.Repair work going on isolator chamber,expected by 15.9.2025
400KV-ARAMBAGH-NEW PPSP-2	04-01-2025	Damage in GIS chamber at new ppsp ss for Arambag ckt.Expected in January 2026
400KV-GOKARNA-NEW PURNEA-1	13.09.2025	for de-stringing of existing conductor, from very critical Tower no 1100(DD+0) which may collapse due to Ganga River water level raise and soil erosion approx 420 Mtr ,balance soil on 20 mtr from tower to Ganga Water
400KV-NEW PURNEA-FARAKKA-1	13.09.2025	for de-stringing of existing conductor, from very critical Tower no 1100(DD+0) which may collapse due to Ganga River water level raise and soil erosion approx 420 Mtr ,balance soil on 20 mtr from tower to Ganga Water
220KV-PATNA-KHAGAUL-1	24.09.2025	LBB relay operated during rectification of DC grounding defect by M/S KRR at GSS khagaul. Earlier w.e.f 02-08-2025 12:06

		Hrs, Tower No. 63 has bent significantly on one side
132KV-KARMNASHA-SAHUPURI-1	01.10.2025	Tripped from Sahupuri end: GND PU, R phase ,IL1-4.47KA ,Zone 1st ,Dist 11km
220KV-CHANDAUTI (PMTL)-BODHGAYA-2	13.10.2025	Emergency tree trimming work
220KV-CHANDAUTI (PMTL)-BODHGAYA-1	13.10.2025	Emergency tree trimming work
400KV/220KV 500 MVA ICT 3 AT NEW DUBURI	24-10-2025	Tripped due to Bph Cable Termination Unit of 220KV side burst, Diff/REF optd,Diff Main-2 Optd
132KV-PATRATU-PATRATU-2	18-10-2025	power support withdrawn, open from DVC end
220KV-DALTONGANJ-LATEHAR(JUSNL)-2	23-10-2025	To avoid overloading of 400/200 kV ICT-I at Latehar
400KV/220KV 315 MVA ICT 1 AT INDRAVATI HEP	25-10-2025	Due to oil leakage from Tan delta test tap of R phase 400 kV Bushing
220KV-KATAPALLI-BOLANGIR(PG)-1	27-10-2025	System Requirement
220KV-PUSAULI(PG)-DURGAUTI-2	27-10-2025	Line was idle charged from Pusauli end, Tripped only at Pusauli end, R/I at Pusauli : B_N, Zone-2, Fault distance: 16.65 km, Fault current: 8.68 kA
220KV-BIDHANNAGAR-WARIA-1	29-10-2025	To control loading of 220 kV Waria-Mejia D/C (Anti-theft charged from Waria end.)
220KV-BIDHANNAGAR-WARIA-2	29-10-2025	Initially line was opened to control line loading. In between B-phase CT Blast at Bidhannagar end. Now Line is charged as anti-theft from Waria end to control loading of 220 kV Waria-Mejia D/C.
220KV-PUSAULI-DEHRI-1	01-11-2025	During ESD of 220KV-PUSAULI-DEHRI-1, Y-Ph Pole of the breaker at Dehri end is stuck and cannot be operated locally because of that ESD has been cancelled. Line is in open condition from Pusauli end.

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

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

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

NEW ELEMENTS COMMISSIONED DURING September, 2025							
उत्पादन इकाइयाँ / GENERATING UNITS							
.Sl. No.	स्थान Location / Pooling Station	मालिक/यूनिट का नाम OWNER/UNIT NAME	यूनिट संख्या/ स्रोत Unit No/ Source	संकलित क्षमता (मेगावाट) Capacity added (MW)	कुल/स्थापित क्षमता (मेगावाट) Total/Installed Capacity (MW)	दिनांक DATE	टिप्पणी Remarks क्र
NIL							
आई.सी.टी/जी.टी/एस.टी / ICTs/ GTs / STs							
क्र. Sl. No.	एजेंसी/मालिक Agency/Owner	उप-केन्द्र SUB-STATION	आईसीटी संख्या ICT NO	वोल्टेज (केवी) Voltage Level (kV)	क्षमता (एमवीए) CAPACITY (MVA)	दिनांक DATE	टिप्पणी Remarks
1.	JSL (Jindal steel Limited) (Intra-state Generator under Odisha)	ACPP II	ST 1	400/11kV	80	25-10-2025 18:55	The Angul Captive Power Plant (ACPP II-2×525 MW), consisting of two generating units of 525 MW each, is a captive power generating station located at Angul. It is connected to the JSPL system, which is further interconnected with the 400 kV Meeramandali substation.

प्रेषण लाइन / TRANSMISSION LINES						
क्र. Sl. No.	एजेंसी/मालिक Agency/Owner	लाइन का नाम LINE NAME	लंबाई (किमी) Length (KM)	कंडक्टर प्रकार Conductor Type	दिनांक DATE	टिप्पणी Remarks
1	JSL (Jindal steel Limited)	400KV-JSPL-ACPP II-1	4.7	Twin ACSR Moose	25-10-2025 14:15	
2	JSL(Jindal steel Limited)	400KV-JSPL-ACPP II-2	4.7	Twin ACSR Moose	25-10-2025 17:09	
लिलो / प्रेषण लाइन की पुनर्व्यवस्था / LILO/RE-ARRANGEMENT OF TRANSMISSION LINES						
क्र. Sl. No.	एजेंसी/मालिक Agency/Owner	लाइन का नाम / लिलो पर Line Name/LILO at	लंबाई (किमी) Length (KM)	कंडक्टर प्रकार Conductor Type	दिनांक DATE	टिप्पणी Remarks
1	PGCIL ER-I	400KV-FSTPP-GOKARNA (N Purnea bypass)	299.5	Snow Birds	02-10-2025 14:17	Temporary arrangement of 400 kV New Purnea - Farakka & 400 kV New Purnea-Gokarna line after bypassing New Purnea through jumpering at Tower No. -1063
बस/लाइन रिएक्टर / BUS/LINE REACTOR						
क्र. Sl. No.	एजेंसी/मालिक Agency/Owner	एलेमेंट का नाम Element Name	उप-केन्द्र SUB-STATION	वोल्टेज (केवी) Voltage Level (kV)	दिनांक DATE	टिप्पणी Remarks
NIL						
बस / BUS						
क्र.	एजेंसी/मालिक	एलेमेंट का नाम Element Name	उप-केन्द्र	वोल्टेज (केवी) Voltage	दिनांक DATE	टिप्पणी Remarks

Sl. No.	Agency/Owner		SUB-STATION	Level (kV)		
1	JSL(Jindal steel Limited)	ACPP II - 400KV - Bus 1	ACPP II	400	30-10-2025 04:57	The Angul Captive Power Plant (ACPP II-2×525 MW), consisting of two generating units of 525 MW each, is a captive power generating station located at Angul. It is connected to the JSPL system, which is further interconnected with the 400 kV Meeramandali substation.
2	JSL(Jindal steel Limited)	ACPP II - 400KV - Bus 2	ACPP II	400	30-10-2025 04:58	

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

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

बे / BAYS

क्र. Sl. No.	एजेंसी/मालिक Agency/Owner	एलेमेंट का नाम Element Name	उप-केन्द्र SUB-STATION	वोल्टेज (केवी) Voltage Level (kV)	दिनांक DATE	टिप्पणी Remarks
1	Limited JSL(Jindal steel)	400KV MAIN BAY OF JSPL-2 AT ACPP II	ACPP II	400	25-10-2025 17:09	The Angul Captive Power

2	JSL(Jindal steel Limited)	400KV MAIN BAY OF JSPL-1 AT ACPP II	ACPP II	400	25-10-2025 15:22	Plant (ACPP II- 2×525 MW), consisting of two generating units of 525 MW each, is a captive power generating station located at Angul. It is connected to the JSPL system, which is further interconnected with the 400 kV Meeramandali substation.
3	JSL(Jindal steel Limited)	400KV MAIN BAY OF ACPP II-2 AT JSPL	JSPL	400	26-10-2025 14:57	
4	JSL(Jindal steel Limited)	400KV MAIN BAY OF ACPP II-1 AT JSPL	JSPL	400	26-10-2025 14:13	
5	JSL(Jindal steel Limited)	400KV BUS SECTIONALIZER BAY OF (MAIN BUS - 2 AND EXTENDED GIS MAIN BUS - 2) AT JSPL	JSPL	400	25-10-2025 16:26	
6	JSL(Jindal steel Limited)	400KV BUS SECTIONALIZER BAY OF (MAIN BUS - 1 AND EXTENDED GIS MAIN BUS - 1) AT JSPL	JSPL	400	25-10-2025 12:39	

Members may note.

4.4. UFR operation during the month of September 2025

Frequency profile for the month as follows:

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

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

Members may note.

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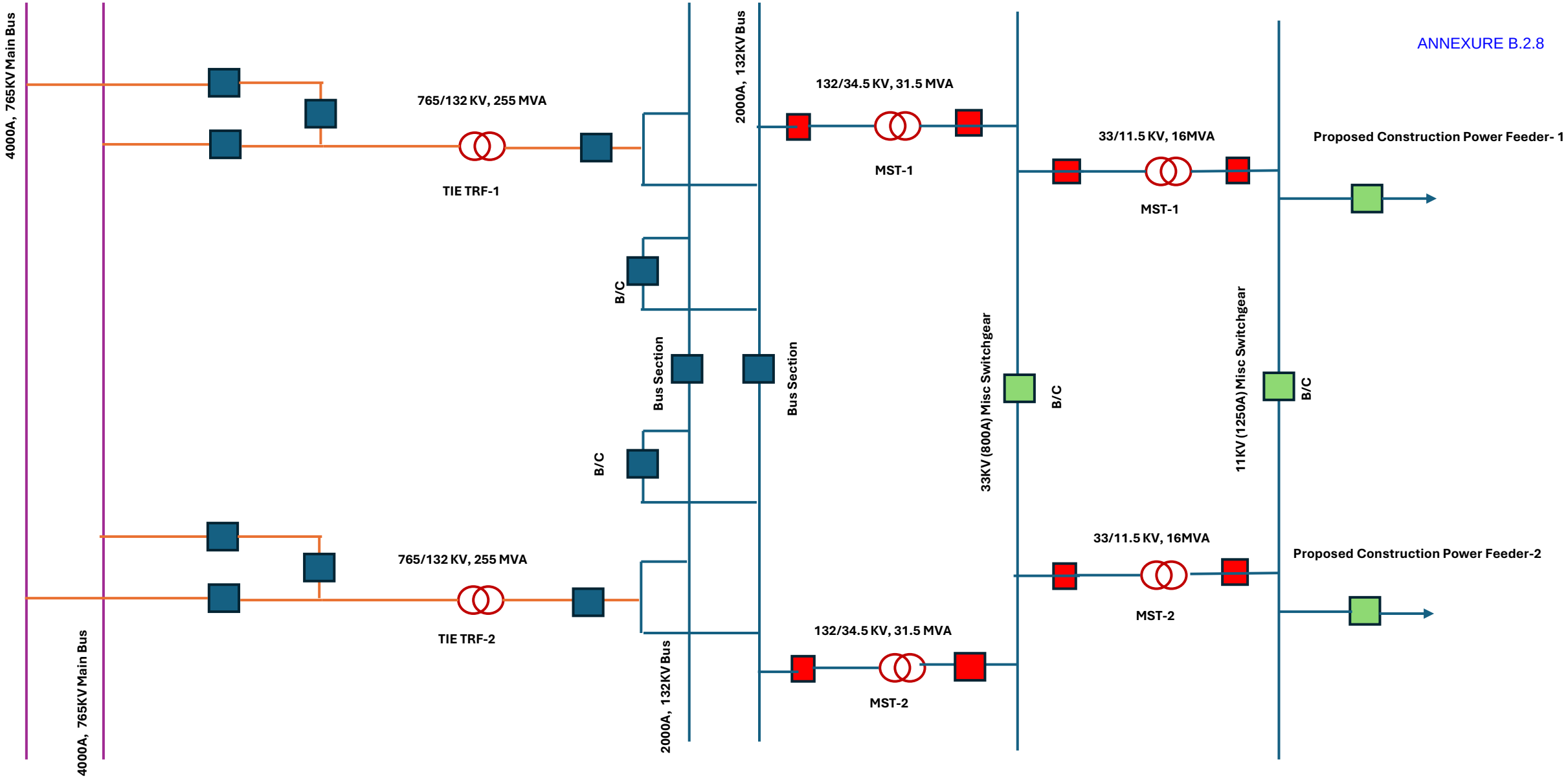
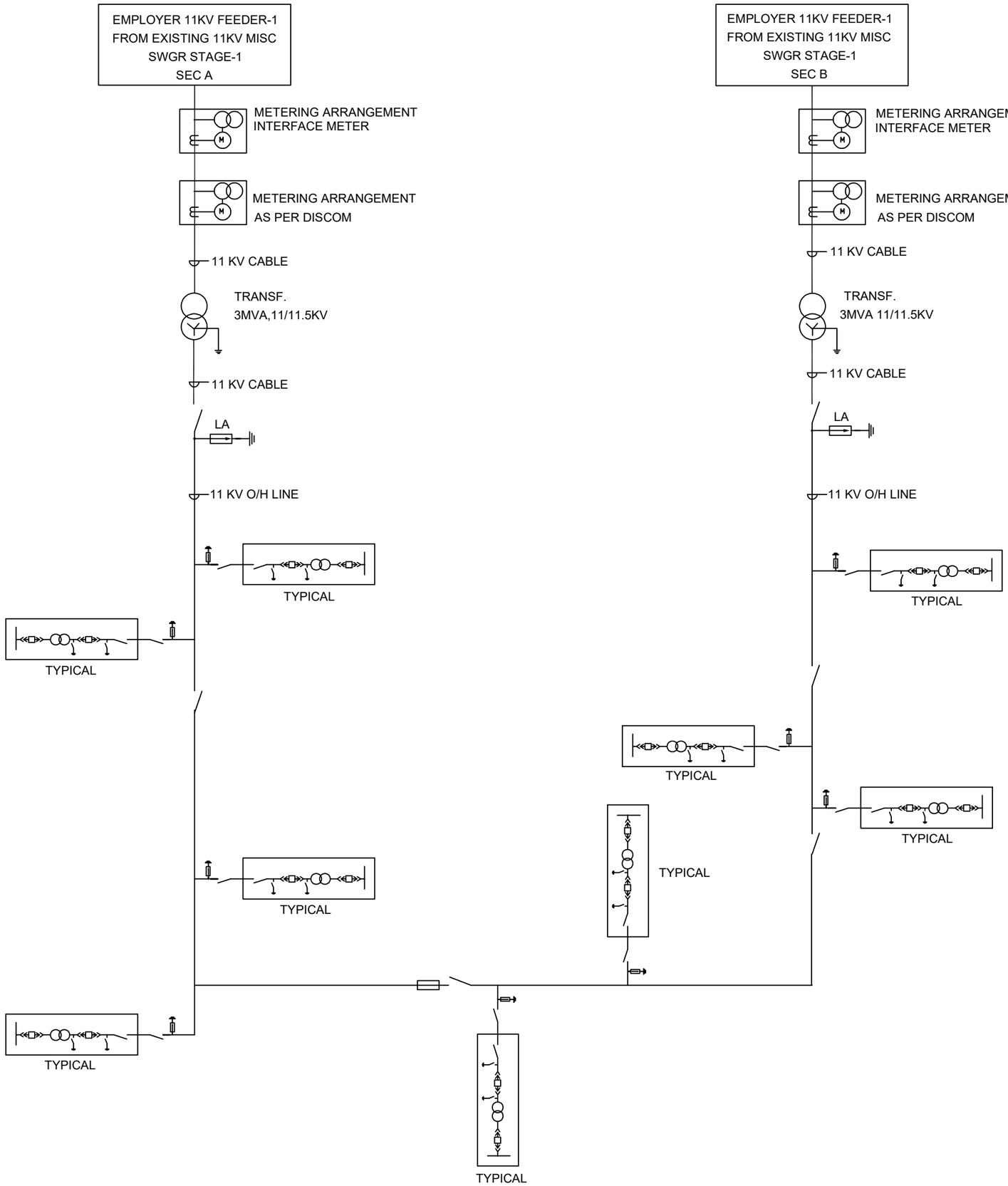
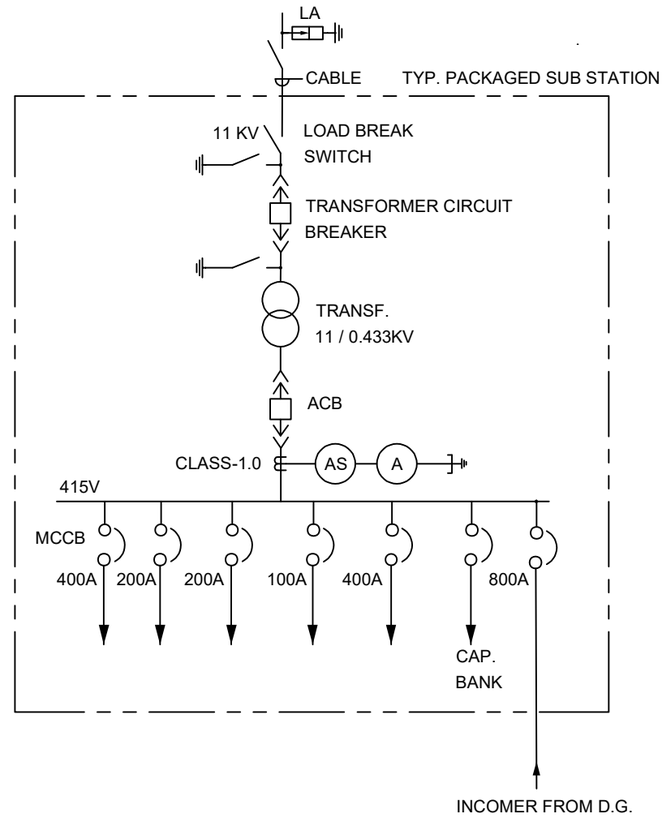
SLD for Proposed Construction Power Scheme for NTPC Darlipali Stage-II

ANNEXURE B.2.8







NOTES:

1. INTERFACE METERING ARRANGEMENT AS AGREED IN RPC/METERING SUB-COMMITTEE.
2. DISCOM METERING ARRANGEMENT SHALL BE AS PROPOSED BY TPWODL.

एनटीपीसी लिमिटेड
NTPC Limited
(A GOVERNMENT OF INDIA ENTERPRISE)
ENGINEERING DIVISION

PROJECT
DARLIPALLI SUPER THERMAL POWER PROJECT
STAGE-II (1X 800 MW)

TITLE
SINGLE LINE DIAGRAM
FOR CONSTRUCTION POWER

SIZE	SCALE	DRG. NO.	REV. NO.
A1	NA	9551-999-POE-F-002	0