



भारत सरकार Government of India

विद्युत मंत्रालय Ministry of Power

उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय

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No.: NERPC/COM/CC_Min/2018/814-858

Dated: 04.05.2023

To

1. CE (Commercial) -cum- CEI, Deptt. of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
2. MD, APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
3. MD, AEGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
4. MD, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
5. MD, MSPDCL, Secure Office Bldg. Complex, South Block, Near 2nd MR Gate, Imphal – 795 001
6. MD, MSPCL, Keishampat, Imphal – 795 001
7. Director (Distribution), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
8. Director (Transmission), MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
9. Director (Generation), MePGCL, Lumjingshai, Short Round Road, Shillong – 793 001
10. Engineer-in-Chief (P&ED), Govt. of Mizoram, New Secretariat Complex, Khatla, Aizawl – 796 001
11. Engineer-in-Chief (P&E), Department of Power, Govt. of Nagaland, Kohima – 797 001
12. Director (Tech), TSECL, Banamalipur, Agartala – 799 001
13. Director (Generation), TPGL, Banamalipur, Agartala – 799 001
14. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
15. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
16. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
17. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
18. Group GM, NTPC Limited, Bongaigaon Thermal Power Project, P.O. Salakati, Kokrajhar-783369
19. Addl GM (Commercial), NTPC Limited, ER-II HQ, Plot No. N-17/2, Naya Palli, Bhubaneswar-751012
20. MD, OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
21. ED, NERTS, PGCIL, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
22. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
23. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi – 110066
24. Dy. COO, CTUIL, “Saudamini”, 1st Fkoor, Plot No. 2, Sector-29, Gurugram, Haryana – 122001
25. Head & VP- Regulatory & Contracts, ENICL, Windsor Building, Near Raheja Centre Point, Off CST Road, Kalina, Santacruz (East), Mumbai-400098
26. ED, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
27. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066

Sub: Minutes of the 48th Commercial Sub-Committee Meeting held on 19th April 2023

Sir,

Please find enclosed herewith the minutes of the 48th Commercial Sub-Committee Meeting held on 19th April 2023 at Thenzawl Golf Course & Resort, Mizoram for your kind information and further necessary action.

Encl.: As above

भवदीय / Yours faithfully,

(अभिजीत अग्रवाल/ Abhijeet Agarwal)

उप निदेशक/ Deputy Director

वाणिज्य / Commercial

Copy to:

1. CGM (Comml), APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
2. ED (Comml), MSPDCL, Secure Office Bldg. Complex, South Block, Near 2nd MR Gate, Imphal-01
3. SE (EM), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
4. S.E. (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl – 796 001
5. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima – 797 001
6. AGM (C&SO), TSECL, Agartala – 799 001
7. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
8. Head of SLDC, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
9. Head of SLDC, MSPCL, Manipur, Imphal.
10. Head of SLDC, MePTCL, Lumjingshai, Short Round Road, Shillong – 793 001
11. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl – 796 001
12. Head of SLDC, Department of Power, Nagaland, Dimapur.
13. Head of SLDC, TSECL, Tripura, Agartala – 799 001
14. GM, Loktak HEP, NHPC Limited, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur – 795 124
15. DGM (Comml), NTPC Limited, 16th Rupalim Path, Rukhmini Nagar, Guwahati-781022
16. GM (Comml), OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
17. Head of the Plant, OTPC, Palatana, Kakraban, Gomati District, Tripura - 799116
18. MD, NETC, #2C, 3rd Floor, D-21, DMRC Building, Corporate Park, Sector-21, Dwarka, Delhi-77



(अभिजीत अग्रवाल/ Abhijeet Agarwal)
उप निदेशक/ Deputy Director
वाणिज्य / Commercial



North Eastern Regional Power Committee

Minutes

of

48th Commercial Sub-Committee Meeting

Date: 19/04/2023 (Wednesday)

Time: 10:00 hrs

Venue: Thenzawl Golf Course and Resort, Mizoram

The 48th CCM of NERPC was held on 19th April, 2023 at Thenzawl, Mizoram under the aegis of P&ED Mizoram. The list of participants in the 48th CC meeting is attached as **Annex. -I**.

The 48th CC meeting was inaugurated by Shri R. Lalzirliana, Hon'ble Power Minister, Govt. of Mizoram. The meeting commenced with bouquets presentations to welcome the dignitaries on the dais as follows: Shri R. Lalzirliana, Hon'ble Power Minister, Govt. of Mizoram, Shri K. B. Jagtap, Member Secretary, NERPC, Smt. Lalhmingliani Hmar, Engineer-in-Chief, P&ED, Mizoram, Shri Nabarun Roy, ED, NERLDC, Shri S. M. Aimol, Director, NERPC & Shri Lalbiaksanga, Chief Engineer (Distribution), P&ED, Mizoram.

Smt. Lalhmingliani Hmar, Engineer-in-Chief, P&ED, Mizoram, in her welcome address, expressed gratitude to NERPC for giving Mizoram the opportunity to host the 48th CCM of NERPC. She welcomed all CC members and participants to the 48th CC meeting and wished all the participants a comfortable stay at the venue. She apprised the participants on the brief history of P&E Dept. of Mizoram and expressed deep sense of gratitude to the Government of India, NERPC and NERLDC for their support in providing reliable power to the Mizoram consumers through the national grid. She wished the members for fruitful resolution of the agenda items.

Thereafter, Shri Nabarun Roy, ED, NERLDC addressed the meeting. In his brief speech, he laid emphasis on timely resolution of various issues to make NER a

self-reliant in power sector. He urged all the power utilities of the region to work together in a coordinated way.

Sh. S M Aimol, Director, NERPC, in his brief speech, stated that CC forum is unique and special in the sense that it is being hosted by constituents on rotation basis unlike other subcommittee meetings like OCC, PCC etc. CC forum is a platform for interaction and knowledge sharing apart from resolving commercial issues. While emphasising on the importance of CC meetings, he stated that the impact is going to be more significant as stringent regulations and rules are published by CERC & MoP such as DSM, Sharing Regulations, GNA etc which needs to be highlighted and deliberated. He also stated that though efficiency and commercial aspects is a challenge in NER power distribution sector, he informed that progress has been observed in infrastructure and also expertise in distribution and commercial sector citing that all states now have got separate commercial wing in their organization.

Sh. K. B. Jagtap, Member Secretary, expressed his deep sense of gratitude to Hon'ble Power Minister, Mizoram for gracing the occasion as Chief Guest in the inaugural function of the 48th CCM. He apprised the participants regarding the constitution of NERPC through Ministry of Power's resolution for facilitating the integrated operation of the power system in the Region. He urged all the states to adapt sound revenue / financial practices to ultimately improve the financial viability of State Power Department. He stated that various pending and current important issues related to NER Grid have been resolved through NERPC forum. He informed that Ministry of Power has agreed to funding of 90:10 from PSDF for all Reliable Communication projects in respect of NER States and stated that NER States should make maximum benefits out of these schemes and improve the communication infrastructure of the power sector of NER. He also opined that the ADMS project should be expanded in all states as this would help demand side management of the distribution utilities. He requested all States and PSUs to attend the CC meetings on regular basis and wished the meeting a fruitful outcome.

Thereafter, Sh. R. Lalzirliana, Hon'ble Power Minister, Mizoram, welcomed all the delegates. He expressed gratitude to NERPC for giving Mizoram the opportunity to host the 48th CCM of NERPC. He said that Power is an essential commodity and a basic human need. State of Mizoram strives to ensure reliable power supply to its

Minutes of 48th CC Meeting | 19th April 2023 | Thenzawl, Mizoram consumers. In order to achieve this, Mizoram procures power in the tune of Rs. 450 crores annually from 16 different stations across India. P&E Mizoram makes best effort to eliminate penalties and surcharges associated with late payments. He further highlighted various Small Hydro Electric and Solar Projects undertaken in Mizoram. He also briefly informed the members about the RDSS scheme of Govt. of India being implemented in the State of Mizoram. He wished a grand success to the forum for resolution of commercial issues.

After this Member Secretary, NERPC requested Director, NERPC to take up the agenda for discussion.

After detailed deliberation of agenda, the meeting concluded with the vote of thanks from P&ED, Govt. of Mizoram by Shri Lalbiaksanga, Chief Engineer (Distribution) and from NERPC Secretariat side by Shri S M Aimol, Director.

C O N F I R M A T I O N O F M I N U T E S

1. CONFIRMATION OF MINUTES OF THE 47th COMMERCIAL SUB-COMMITTEE MEETING OF NERPC.

Minutes of the 47th CC Meeting held on 16th December 2022 at Hotel Radisson Blu, Guwahati was circulated vide no. No.: NERPC/COM/CC_Min/2018/1750-1794 dated 10th January 2023.

Deliberation of the Sub-committee

Director, NERPC informed that no observation has been received from any of the constituents.

Therefore, the sub-committee confirmed the minutes of the 47th CCM.

The Sub-committee noted as above.

I T E M S F O R D I S C U S S I O N

2 AGENDA ITEMS FROM NERPC

2.1 Recent CERC Regulations

The following CERC regulations/order(s) have been notified:

1. Implementation of the "Deviation Settlement Mechanism and Related Matters" Regulations, 2022 and subsequent amendment Suo-moto orders dated 26th December 2022 and 6th February 2023.

2. Implementation of the "Ancillary Services" Regulations, 2022. TRAS made effective from 1st May 2023.
3. Implementation of the "Connectivity and General Network Access to the Inter-State Transmission System" Regulations, 2022 and First Amendment to the regulations.

Deliberation of the Sub-committee

The salient points/clauses, significance and implication of "Deviation Settlement Mechanism and Related Matters" Regulations, 2022 and subsequent amendments were highlighted by AD, NERPC (**Annex. -2.1 a**).

The salient points/clauses, significance and implication of "Ancillary Services" Regulations, 2022 w.r.t. TRAS and about Ancillary service market were highlighted by NERLDC representative (**Annex. -2.1 b**).

The salient points, significance and implication of the Connectivity and General Network Access to the Inter-State Transmission System" Regulations, 2022 and First Amendment to the regulations were highlighted by DD, NERPC (**Annex. -2.1 c**).

Member Secretary, NERPC requested all the utilities of NER to follow their schedules in order to minimize the deviation for grid security, reliability and stability. He also requested all states to facilitate installation of AWS by IMD for better load forecasting.

ED, NERLDC requested to all NER utilities to participate in the workshop on Ancillary services, scheduled to be held on 21st Apr'23 in Delhi by Grid-India.

The Sub-committee noted as above.

2.2 Portal for Utilization of Surplus Power (PUSHp) -reg.

PUSHp portal (Flexibilization of PPA for Optimal Utilization of Resources and Reduction in cost of Power for Consumers) has been launched on 09th March, 2023 by Hon'ble Minister of Power and NRE.

The Portal is a single window system providing services to diverse domains of all the entities involved and to reallocate and transfer the power in minimum time from one surplus entity to deficit entity. In recent past years, difficulties are observed in meeting the demand and some states do resort to power cuts, especially during April, May, September and October months the crisis is observed

while other states have surplus power capacity. The States which have surplus power continue to bear the fixed charge burden without using it which leads to high cost of power to the consumers.

Regional diversity makes some states surplus. Like Peak in Northern region is during summer whereas Peak in Southern region is during winter. Similarly, there is diversity in the time at which the peak occurs in the States. Such regional diversity in the load demand was not able to address even though the generation capacity is available in the country. The reasons behind were many like one-to-one Power Purchase Agreements, some procedural constraints, non-availability of easy match making arrangements etc. This portal will provide a platform for optimal utilization of generating capacity and will resolve the above issues. The scheme will not disturb the existing arrangements rather an additional avenue shall be provided to stakeholders for optimal use of generating capacity. The scheme envisages paperless working for temporary allocation/transfer of power from surplus (Seller) entity to deficit (buyer) entity.

The benefits of the portal also include Flexibilization of Power Purchase Agreement, Availability of power to DISCOMs, reduction in power cuts, reduction in fixed charge burden on the states having surplus power, Allocation /Transfer of Power at regulated tariff in a minimum time. Key Benefits of the scheme: -

- i. Flexibilization of Power Purchase Agreement
- ii. Optimal Utilization of Power due to regional diversity and their increased availability.
- iii. Availability of power to DISCOMs improves and reduction in power cuts.
- iv. Meet the power demand of the country especially during the crisis situation in the month of April, May, September and October.
- v. Reduction in fixed charge burden on the states having surplus power.
- vi. Allocation /Transfer of Power at regulated tariff.
- vii. Reallocation of power in minimum time with automated process.
- viii. The scheme envisages a paperless working.
- ix. None of the existing arrangements shall be disturbed, rather an additional avenue has been provided.
- x. The portal envisages temporary allocation/transfer of power; subjected to willingness of seller and Buyer, confirmation of transmission corridor by

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concerned agencies and confirmation of payment security on portal by the new Buyer/Gencos before scheduling of such power.

The salient features of the portal and the key benefits thereof will be highlighted in the meeting for the information of the members.

Deliberation of the Sub-committee

Director, NERPC highlighted the salient features and the key benefits of the portal. He also requested all NER utilities to participate on the portal and make best use of this facility.

For easy reference and benefit of the members, a ppt presentation on PUSHp is attached as Annexure 2.2.

The Sub-committee noted as above.

Action: all NER state utilities.

2.3 Board Fund Contribution status for FY 2022-23 and FY 2023-24- reg.:

A. The status of payment for FY 2022-23 (as on 10.04.2023) is as given below:

F.Y 2022-23			
Constituents	Status of Payment	Constituents	Status of Payment
NTPC	Payment Received	Ar. Pradesh	Payment Received
NHPC	Payment Received	Assam / APDCL	Payment Received
PTC	Payment Received	Manipur/MSPDCL	Payment Received
NVVN	Payment Received	Meghalaya/MeECL	Payment Received
OTPC	Payment Received	Mizoram	Payment Received
NEEPCO	Payment Received	Nagaland	Payment Received
PGCIL	Payment Received	Tripura/TSECL	Payment Received
ENCIL	Payment Received		

B.1 Constituents are requested to kindly deposit their respective amount towards Board Fund of NERPC for FY 2023-24.

B.2 As per directive of the central government, a committee was formed for streamlining the process of Fund Utilization/Budgetary provision of all RPCs. As envisaged vide MoP letter dated 23.02.2006, wherein it is specified that activities of RPCs are to be fully financed by the constituent members, the said committee have recommended that RPCs budget head of Salary, Leave Encashment, Allowances, LTC, etc may be taken from CEA/MoP as it is done currently. However, expenditure under other heads like office expenses, procurement, civil

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and electric works, training, workshop, meetings etc. may be financed from the
RPC Fund to be provided by RPC.

The detail procedure for contribution by the constituent members is under
finalization by CEA/MoP.

Deliberation of the Sub-committee

Director, NERPC expressed gratitude to all constituents of NERPC for their timely
payment of board fund contribution for FY2022-23. He also requested all
constituents of NERPC for payment of board fund contribution for FY2023-24.

Director, NERPC further apprised the forum regarding financing of RPCs by
constituent members. He informed that the proposal of funding of NERPC by the
constituents shall be put up before the TCC/NERPC members in the next meeting
after detailed procedure is finalized by CEA/MOP.

The Sub-committee noted as above.

Action: All constituent members of NERPC.

3. AGENDA ITEMS FROM Arunachal Pradesh

3.1 Central Sector Power Allocation:

Arunachal Pradesh is presently drawing Central Sector Power at 33kV voltage
through infrastructures of Assam Power Distribution Company Limited (APDCL) at
various inlet points to feed power to some parts of the state and necessary
transmission charges are being paid to APDCL by the Govt. of Arunachal Pradesh
annually. This arrangement between the two states is existing for 2-3 decades and
will be done away with only on completion of the Comprehensive Scheme
(executed by PGCIL). Over the time, the demand has increased many folds but no
enhancement of power has ever taken place. As such, the load on the following
inlet points may kindly be enhanced so as to meet up the present load demand of
that area:

(a) Changlang town and its adjoining areas of Changlang District of Arunachal
Pradesh is drawing central sector power through Margherita-Changlang 33KV
feeder with inlet point at Margherita, Assam with sanctioned load of 1.25MW only.
This allocation was made more than two decades ago. Such meagre load allocation
is not sufficient to meet up the present load demand of that area which demand
has gone up to 3.0 MW.

(b) Miao town and its adjoining areas of Changlang District of Arunachal Pradesh is drawing central sector power through Lekhapani-Miao 33KV feeder with inlet point at Lekhapani, Assam with sanctioned load of 3.15MW only. This allocation was made more than two decades ago. Such meagre load allocation is not sufficient to meet up the present load demand of that area which demand has gone up to 8.5 MW.

(c) The entire district of Lower Siang draws power from Silapathar-Likabali 11 kV feeder with inlet point at Silapathar, Assam with sanctioned load of 0.3 MW accorded somewhere in 1980s. This meagre allocation is not sufficient enough to meet the power requirement of the entire district. It is understood that a 2x31.5 MVA, 132/33 kV sub-station is coming up at Silaguti, Assam which is about 14KM from the 2x5 MVA, 33/11 kV sub-station being constructed under Comprehensive Scheme at Likabali. Hence, a load of 5 MW is required to be sanction in this new feeder (Silaguti-Likabali 33KV feeder).

The NERPC is requested to accord sanction of the following in the respective feeder and issue direction to APDCL:

S. No.	Feeder Name	Inlet Point	Existing sanctioned load (MW)	Proposed enhanced load (MW)	Remarks
1	Margherita-Chanqlanq	Margherita	1.25	3.0	Due to increase in demand.
2	Lekhapani-Miao	Lekhapani	3.15	8.5	
3	Silaguti-Likabali	Silaguti	-	5	

Deliberation of the Sub-committee

AGM, APDCL stated that this arrangement and adjustment mechanism need to be discontinued because it affects metering philosophy and DSM accounting.

DoP, Arunachal Pradesh, in response, informed that the power flow of inter-state power through these intra-state lines of Assam would cease after the completion of the Comprehensive Project executed by POWERGRID, which would create adequate infrastructure in Arunachal Pradesh distribution network.

APDCL/Assam intimated the following points regarding the proposed enhanced load request by Ar. Pradesh as tabulated below:

S. No.	Feeder Name	Inlet Point	Existing sanctioned load (MW)	Proposed enhanced load (MW)	Deliberation in the meeting from APDCL
1	Margherita-Chanqlanq	Margherita	1.25	3.0	AGM, APDCL informed that the max. load capacity of said feeder is about 2.8MW. Therefore, it is not possible to allow proposed enhanced load. He also informed that a new 11kV S/S is under pipeline which may cater to the enhanced load. APDCL will review the request after the said S/S becomes operational.
2	Lekhapani-Miao	Lekhapani	3.15	8.5	AGM, APDCL informed the forum that the max. load capacity of said feeder is 13 MW and presently Ar. Pradesh already draws around 7 MW from this point. It is also to be noted that the said feeder also caters around 6 MW load of Jagun, Assam. In view of this, Assam urged Arunachal Pradesh to draw up to 7 MW only from the feeder at this stage.

3	Silaguti- Likabali	Silaguti	-	5	AGM, APDCL requested Ar. Pradesh to send the detailed proposal. APDCL agreed to look into it.
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The forum noted the concerns of Assam and it was also decided that the present mechanism as deliberated above can be continued till the completion of Comprehensive Scheme of Arunachal Pradesh.

The Sub-committee noted as above.

Action: APDCL & Ar. Pradesh.

4. AGENDA ITEMS FROM TSECL

4.1 *Outstanding Dues of Mizoram*

As on date, an amount of Rs18.16 cr. is outstanding with Mizoram. It is to mention that TSECL is to make timely payment to Gail/ONGC regularly to avoid surcharge etc. as well as to avoid regulation of Gas supply. Therefore, Mizoram is requested to ensure monthly payment to avail rebate as well as to avoid surcharge, regulation of power supply etc. The matter was also discussed in the last CCM but fruitful result was not reflected. Hence Mizoram is requested to clear the dues immediately to avoid regulation of power.

Deliberation of the Sub-committee

EE (Comm.), Mizoram apprised the forum that a payment order of around Rs. 8.23 cr. to Tripura will be made soon.

SE (Comm.), Mizoram raised concern regarding the high price of power of Monarchak Gas Station. Sr. Manager, TSECL informed the forum that high price of power is because of the hike in the gas price.

The Sub-committee noted as above.

Action: P& ED Mizoram & TSECL.

4.2 *Merchant Power of OTPC Palatana -reg.*

TSECL is managing demand of the state including cross Border commitment through IEX Purchase during any kind of outage of ISGS as well as state Generation. To mitigate the power management and increase of state demand in near future, TSECL has already communicated to OTPC for allocation of 40 MW

Merchant power. In the commercial forum the matter was discussed in the 45th and 46th Commercial committee meeting and last TCC meeting also. Hence, OTPC may kindly expedite the allocation of merchant power as per CERC tariff as an early date.

Deliberation of the Sub-committee

Manager (Comm.), OTPC informed the forum that this matter is under discussion at the Board level of OTPC and the decision would be taken shortly.

The Sub-committee noted as above.

Action: OTPC & TSECL.

5. AGENDA ITEMS FROM NERLDC

5.1 *Deviation Pool Account outstanding:*

Status of Deviation charges outstanding as on 27/03/2023 may be seen as **(Annexure-5.1)**.

Manipur is the major defaulter.

Manipur – Net O/s Payable to Pool is **₹ 7.92 Crores**

[Deviation Principal, ₹ 7.83 Crores + Deviation Interest, ₹ 0.09 Crores].

Clearance of O/s payable had been regularly followed up.

Manipur is requested to take necessary action in this regard.

All the pool members are requested to clear outstanding payable due within the stipulated time to avoid late payment interest.

Deliberation of the Sub-committee

No representative from MSPDCL was present. NERLDC requested MSPDCL through the forum to clear the due at the earliest so as to avoid late payment interest.

The Sub-committee noted as above.

Action: MSPDCL (Manipur).

5.2 *Reactive charges outstanding:*

Status of Reactive charges outstanding as on 27/03/2023 is as attached **(Annexure-5.2)**.

O/s Payable to Reactive Pool by Manipur – **Rs. 5.80 Lakhs.**

O/s Payable to Reactive Pool by Meghalaya – **Rs. 50.25 Lakhs.**

O/s Payable to Reactive Pool by Mizoram – **Rs. 15.62 Lakhs.**

Manipur, Meghalaya & Mizoram are required to take necessary action.

All the pool members are requested to clear outstanding payable due within the stipulated time to avoid late payment interest.

Deliberation of the Sub-committee

NERLDC requested concern utilities to clear the dues at the earliest.

The Sub-committee noted as above.

Action: MSPDCL (Manipur), MePDCL (Meghalaya) and Mizoram.

5.3 Signing of DSM & Reactive Reconciliation Statements:

Status of signing of Reconciliation statements of DSM & Reactive as on 27/03/2023 is attached in **Annexure-5.3**.

1. Pending DSM reconciliation with – Manipur (3 Quarters), BNC (2 Quarters) & Mizoram (1 Quarter).
2. Pending Reactive reconciliation with – Manipur (3 Quarters), Meghalaya (1 Quarter) & Mizoram (1 Quarter).

Manipur, Meghalaya, Mizoram & BNC are requested to sign the reconciliation statements as early as possible.

Deliberation of the Sub-committee

Concerned constituents were requested to sign the reconciliation statements at the earliest.

The Sub-committee noted as above.

Action: MSPDCL (Manipur), MePDCL (Meghalaya), Mizoram & BNC.

5.4 Opening of LC against Deviation Charges Liability:

As per CERC (Deviation Settlement Mechanism and related matters) Regulations 2022, the LC amounts pertaining to NER entities are mentioned below (Refer **Annexure-5.4**): -

Constituents	LC to be opened in FY 22-23 Rs. (in Lakhs)	Present Status
Ar. Pradesh	64.95	LC of ₹ 242.48 Lakhs, valid till 31/03/2023.
Assam	87.25	LC of ₹ 230.68 Lakhs, valid till 01/12/2023.
Manipur	19.27	LC Not opened
Meghalaya	15.82	Sufficient amount retained in Pool
Mizoram	1.91	LC of ₹ 11.46 Lakhs, valid till 14/02/2024.
Nagaland	3.01	LC of ₹ 74.18 Lakhs, valid till 20/03/2024.
Tripura	33.09	LC of Rs.144.00Lakhs, valid till 31/03/2023.

Necessary action may be taken by the Manipur state regarding the opening of the LC.

Deliberation of the Sub-committee

No representative from MSPDCL was present. Asst. Manager, NERLDC requested MSPDCL to open the requisite LC. He also requested concerned utilities to renew their LCs.

The Sub-committee noted as above.

Action: MSPDCL (Manipur) & concerned utilities.

5.5 Signing of RLDC Fee and Charges Reconciliation Statements:

NERLDC Fee and Charges Reconciliation Statements for Q-III for FY 2022-23 was issued on 24/01/2023. We have received Signed/Reconciled copy from few users. All remaining users are requested to send the signed Reconciliation Statements at the earliest.

Deliberation of the Sub-committee

Concerned constituents were requested to send the signed reconciliation statements at the earliest.

The Sub-committee noted as above.

Action: concerned utilities.

6. AGENDA ITEMS FROM NERTS

6.1 Outstanding dues:

The total outstanding dues (pertaining to both PoC as well as non-PoC billing) payable by NER beneficiaries to CTUIL/POWERGRID as on 30.03.2023 is detailed below: -

(All Figures in Rs. Crores)

State/DIC	Outstanding Dues > 45 days	Total Outstanding dues	Remarks
Arunachal Pradesh	0.00	0.01	<i>Only small amount of non-Poc due.</i>
APDCL, Assam	0.00	36.56	<i>Approx. 01-month receivables</i>
MSPDCL, Manipur	4.58	10.81	<i>Approx. 02 months receivables (Rs. 4.22 Cr. Payment being done under LPS, Rules,2022)</i>
MSPCL, Manipur	1.19	1.29	<i>Approx. 13 months receivables</i>
MeECL,	6.46	14.78	<i>Approx. 02 months receivables</i>

Meghalaya			
Mizoram	5.11	9.04	<i>Approx. 02 months receivables & long pending non-Poc dues.</i>
Nagaland	0.00	0.00	<i>No outstanding.</i>
TSECL, Tripura	0.00	0.00	<i>No outstanding.</i>
NEEPCO	0.00	0.00	<i>No outstanding.</i>

Concerned DICs with >45 days outstanding dues, viz. MSPDCL, Mizoram, MeECL, & MSPCL may be impressed upon to clear the outstanding dues immediately since POWERGRID and other transmission licensees (on behalf of whom CTUIL does the billing & collection) are facing financial constraints due to accumulation of such huge outstanding dues.

Deliberation of the Sub-committee

Chief Manager, NERTS requested concerned constituents to clear the outstanding dues at the earliest.

The Sub-committee noted as above.

Action: concerned utilities.

6.2 Status of LC of NER beneficiaries (as per new requirement):

As it is known to all concerned, Central Transmission Utility of India Ltd (CTUIL), a subsidiary of POWERGRID, has started functioning as CTU w.e.f. 01.04.2021 as per notification dated 09.03.2021 issued by MoP, GoI and accordingly, the Billing, Collection and Disbursement of transmission charges (for PoC billing), a function of CTU, is being undertaken by CTUIL with effect from 01.04.2021.

Consequent to above, separate LCs in favour of CTUIL (for PoC Billing) and POWERGRID (for non-PoC billing) in place of existing LCs, which are in favour of POWERGRID, are to be maintained by DICs in line with provisions of Regulation 19 of CERC Sharing Regulations, 2020 and to avail CTUIL rebate scheme for FY 2022-23.

The status of LCs (as per above new requirement) of NER DICs as on 30.03.2023 is as follows: -

State/DIC	LC in favour of CTUIL (for PoC billing)	LC in favour of POWERGRID (for Non-PoC billing)
Arunachal Pradesh	Available	Available
APDCL	Available	Available

MSPDCL	Available (Enhancement of Rs. 152.31 Lakhs required)	-
MSPCL	-	Not Available
MeECL	Available	Available
Mizoram	Available	Available
Nagaland	Available (Enhancement of Rs. 59.14 Lakhs required)	Available
TSECL	Available (Enhancement of Rs. 11.31 Lakhs required)	Available

Manipur, Nagaland & Tripura may be impressed upon to enhance their LCs to the requisite amounts.

Deliberation of the Sub-committee

The sub-committee requested Manipur, Nagaland & Tripura to comply with the CERC regulations and enhance/open their LCs to the requisite amount.

The Sub-committee noted as above.

Action: Manipur, Nagaland & Tripura.

7. AGENDA ITEMS FROM OTPC

7.1 Outstanding Dues of OTPC against NER beneficiaries – OTPC:

The current total outstanding dues of OTPC against the NER beneficiary states (as on 31-03-2023) are as under:

(Amount in Rs Crores)

Sl. No.	Beneficiary	Outstanding Dues (>45 Days)	Total Outstanding
1	Manipur	3.07	13.02
2.	Mizoram	7.14	15.32
	Total	10.21	28.34

As per Ministry of Power, Govt of India scheme, OTPC had agreed for payment in installments for outstanding dues from Manipur without levy of any surcharge amount for the benefit of Manipur state. Still Manipur state is not liquidating the current dues and the outstanding dues amount is again increasing.

The State of Mizoram is also requested to streamline their payment process.

The forum is requested to impress upon Manipur and Mizoram to clear their current dues.

Deliberation of the Sub-committee

Manager (Comm.), OTPC requested Manipur and Mizoram to clear their current dues at the earliest.

EE, Mizoram informed the forum that payment of around 7.30 cr. to OTPC is under process and the same would be released shortly.

The Sub-committee noted as above.

Action: MSPDCL(Manipur), Mizoram.

ANY OTHER ITEMS

DATE AND VENUE OF NEXT COMMERCIAL COMMITTEE MEETING

The next Commercial Coordination Sub-Committee meeting will be held in the month of July 2023. The date and venue will be intimated separately.

Annexure-I**List of Participants in the 48th CC Meeting held on 19th April, 2023**

SN	Name & Designation	Organization	Contact No.
1	Sh. Kirpak Dini, Executive Engineer	Ar. Pradesh	07575972368
2	Sh. Nido Taka, EE (E)	Ar. Pradesh	09436047151
3	Sh. Rajesh Sharma, JE (E)	Ar. Pradesh	09436058725
4	Sh. Indrajit Tahbildar, AGM, APDCL	Assam	08761049486
5	Sh. Rachael H. Pakhumate, AM	Assam	09678863545
6	Sh. Priyakshi Rajkhowa, AM	Assam	09435093172
	No Representatives	Manipur	-
7	Sh. F.E.Kharshiing, CE (Dist.)	Meghalaya	09863066960
8	Sh. B.Wankhar, SE (EM)	Meghalaya	07005673697
9	Smt. Lalhmingliani Hmar, Engineer in Chief	Mizoram	09436140198
10	Sh. Lalbiaksanga, CE (Dist.)	Mizoram	-
11	Sh. Benjamin L. Tlumea, SE (Com.)	Mizoram	09436151424
12	Sh. H.Lalnunsanga, EE (Com.)	Mizoram	08415852013
13	Sh. V.K.Remsangpuui, JE (Com.)	Mizoram	08837256860
14	Sh.S.I.Asangba Tikhir, EE (T)	Nagaland	07085508502
15	Sh. E.Limhachan Kikon, JE (SLDC)	Nagaland	09383234164
16	Sh. Debabrata Pal, Sr.Manager	Tripura	09436500244
17	Sh. Susanta Deka, GM (E/M)	NEEPCO	06003387235
18	Sh. Andrew Lyngdoh, AAO (F)	NEEPCO	09436733566
19	Sh. N.Roy, ED	NERLDC	08976833552
20	Sh. S.C.De, Sr.GM	NERLDC	09436335369
21	Sh. Akhil Singhal, DGM	NERLDC	09650598187
22	Sh. Gaurav Bhattacharjee, AM	NERLDC	09402304210
23	Sh. Anupam Acharya, Ch. Manager	PGCIL	09402106974
24	Sh. Subodh Kr.Pradhan, AGM	NTPC	09437049168
25	Sh. Utkarsh Katre, Executive (Comm.)	OTPC	09125313788
26	Sh. Rashmi Wattal, Mgr.(Comm.)	OTPC	09953099154
27	Sh. Kartikey Singh, Executive	OTPC	08130332540
	No Representatives	NHPC	-
28	Sh. K.B.Jagtap, Member Secretary	NERPC	-
29	Sh. S.M.Aimol, Director	NERPC	08974002106

30	Sh. A.Agrawal, Dy.Director (Comml.)	NERPC	09871266951
31	Sh.Dinesh Kr.Singh, AD-I	NERPC	07042118261

Annexure 2.1 (a)

DEVIATION SETTLEMENT MECHANISM, 2022

Background:

- CERC, Deviation Settlement Mechanism Regulations, 2022 was notified on Dated: 14th March, 2022. The date of implementation (i.e. **05.12.2022**) was notified by the Hon'ble CERC on 31st October, 2022.
- Subsequent amendments :
 - I. Suo-moto order dated 26th December, 2022 (w.e.f. 28th December, 2022) ,
 - II. Suo-moto order 6th February, 2023 (w.e.f. 8th February, 2023)
 - III. Suo-moto order 9th April, 2023 (w.e.f. 10th April, 2023)

Objective:

These regulations seek to ensure, through a commercial mechanism that users of the grid do not deviate from and adhere to their schedule of drawal and injection of electricity in the interest of security and stability of the grid

Few Note-Worthy Changes

Changes	DSM 2014	DSM 2022
Frequency	Linked	De-Linked
Charges for Deviation (Paise/kWh)	Single deviation charge for each time block of a particular day capped at 800	Two type of deviation charges : a. Ref. charge rate b. Normal rate of charges capped at 1000
Penalty for sustain deviation in one direction	Yes	No
Due Date of Payment	10 Days + 2 Days grace	7 Days
Pool Account Name	Regional Deviation Pool Account Fund	Deviation and Ancillary Service Pool Account

New Definitions:

'Normal Rate of Charges for Deviation' means the charges for deviation (in paise/kWh)

For a period of one (01) year from w.e.f of these regulations: (From date 05.12.2022 to 04.12.2023)

Normal rate of charges for deviation in a time block (T) = Max [(weighted average ACP of the DAM), (weighted average ACP of the RTM),] of all the Power exchanges for that time block (T)

The normal rate of charges for deviation shall be rounded off to the nearest two decimal places

Period beyond one (01) year: (From date 05.12.2023 onwards)

Normal rate of charges for deviation in a time block (T) = Weighted Average Ancillary Service Charge (in paise/kWh)

New Definitions:

'Reference Charge Rate' means in respect of a general seller whose

- (i) tariff is determined under Section 62 or Section 63 of the Act*, Rs/ kWh energy charge as determined by the Appropriate Commission, or
- (ii) tariff is not determined under Section 62 or Section 63 of the Act*, the daily weighted average ACP of the DAM segments of all the Power Exchanges

The General Seller: Deviation Charges Payable

$$\text{Deviation-General Seller (in \%)} = 100 \times \frac{[(\text{Actual Injection in MWh}) - (\text{Scheduled Generation in MWh})]}{[(\text{Scheduled Generation in MWh})]}$$

General Seller	DSM 2022
Over-Injection	<ul style="list-style-type: none"> ➤ Paid from DSM pool @ RCR up to 10% of deviation or 100 MW whichever is less
Under-Injection	<p>Paid to DSM Pool</p> <ul style="list-style-type: none"> ➤ @ Reference charge rate for deviation up to 10% or 100 MW whichever is less. ➤ @ 120% of Normal rate of charges for deviation Beyond 10% or 100 MW whichever is less and upto 15% or 150 MW whichever is less ➤ @ 150% of Normal rate of charges for deviation Beyond 15% or 150 MW whichever is less

Charges for Deviations: *Buyer*

01

Buyers (Sch > 400MW)

02

Buyers (Sch. up-to 400 MW)



PAYABLE IN A TIME BLOCK

The Buyer: Deviation Charges Payable

$$\text{Deviation- Buyer (in \%)} = 100 \times \frac{[(\text{Actual Drawal in MWh}) - (\text{Scheduled Drawal in MWh})]}{[(\text{Scheduled Drawal in MWh})]}.$$

Buyers (Sch > 400MW)	DSM 2022
Under -Drawal	<p>Paid from DSM pool</p> <ul style="list-style-type: none"> ➤ @ 90% of Normal rate for deviation upto 10% or 100 MW whichever is less ➤ @ 50% of Normal rate of charges for Deviation Beyond 10% or 100 MW whichever is less and upto 15% or 200 MW whichever is less
Over-Drawal	<p>Paid to DSM Pool</p> <ul style="list-style-type: none"> ➤ @ Normal rate of charges for deviation Up to 10% or 100 MW whichever is lower ➤ @ 120% of Normal rate of charges for deviation Beyond 10% or 100 MW whichever is less and upto 15% or 200 MW whichever is less ➤ @ 150% of Normal rate of charges for deviation beyond 15% or 200 MW whichever is lower

The Buyer: Deviation Charges Payable

$$\text{Deviation- Buyer (in \%)} = 100 \times \frac{[(\text{Actual Drawal in MWh}) - (\text{Scheduled Drawal in MWh})]}{[(\text{Scheduled Drawal in MWh})]}$$

Buyers (Sch <=400MW)	DSM 2022
Under -Drawal	Paid from DSM pool <ul style="list-style-type: none">➤ @ 90% of Normal rate for deviation upto 20% or 40 MW whichever is less
Over-Drawal	Paid to DSM Pool <ul style="list-style-type: none">➤ @ Normal rate of charges for deviation Up to 20% or 40 MW whichever is lower➤ @ 120% of Normal rate of charges for deviation beyond 20% or 40 MW whichever is lower

Charges for Deviations: *Special Cases*

Payable in a time block irrespective of a volume limit

General Seller	$49.90 < f < 49.95$	$f \leq 49.90$	$50.03 < f < 50.05$	$f \geq 50.05$
Over-Injection	<ul style="list-style-type: none"> ➤ Paid from DSM pool @120% of RCR 	<ul style="list-style-type: none"> ➤ Paid from DSM pool @150% of RCR 	<ul style="list-style-type: none"> ➤ Paid from DSM pool @50% of RCR 	<ul style="list-style-type: none"> ➤ Paid from DSM pool will be Zero
Under-Injection	<ul style="list-style-type: none"> ➤ Paid to DSM Pool Max (150% of RCR, 120% of NR) 	<ul style="list-style-type: none"> ➤ Paid to DSM Pool Max (200% of RCR, 150% of NR) 	<ul style="list-style-type: none"> ➤ Paid to DSM Pool @75% of RCR 	<ul style="list-style-type: none"> ➤ Paid to DSM Pool @50% of RCR

Charges for Deviations: *Special Cases*

Payble in a time block irrespective of a volume limit

Buyers	$49.90 < f < 49.95$	$f \leq 49.90$	$50.03 < f < 50.05$	$f \geq 50.05$
Under -Drawal	➤ Paid from DSM pool @120% of NR	➤ Paid from DSM pool @150% of NR	➤ Paid from DSM pool @50% of NR	➤ Paid from DSM pool will be Zero
Over- Drawal	➤ Paid to DSM Pool @ 150% of NR	➤ Paid to DSM Pool @ 200% of NR	➤ Paid to DSM Pool @75% of NR	➤ Paid to DSM Pool will be zero

Charges for Deviations: *Special Cases*

PAYABLE IN A TIME BLOCK

01

Infirm power injection → Zero (DSM Receivable)

“In case such infirm power being schedule, the charges for deviation for such power shall be as applicable for General Seller”

02

Start-up power drawal before COD of a generating unit or power drawal to run auxiliaries during shut-down of a generating station → @ RCR for deviation (DSM Payable)

03

Inter-regional deviation caused by way of over-drawal/under-drawal or over-injection/under-injection) → @ normal rate of charges for deviation

Charges for Deviations: *Special Cases*

PAYABLE IN A TIME BLOCK

04

“In case of forced outage of a seller, the charges for deviation shall be @ RCR , for a maximum duration of eight time blocks or until the revision of its schedule whichever is earlier” (Payable to DSM Pool)

05

“In case of a state having net injection schedule , the deviation charges for such state shall be applicable to a buyer”

THANK YOU

H A V E A N I C E D A Y

Annexure 2.1(b)



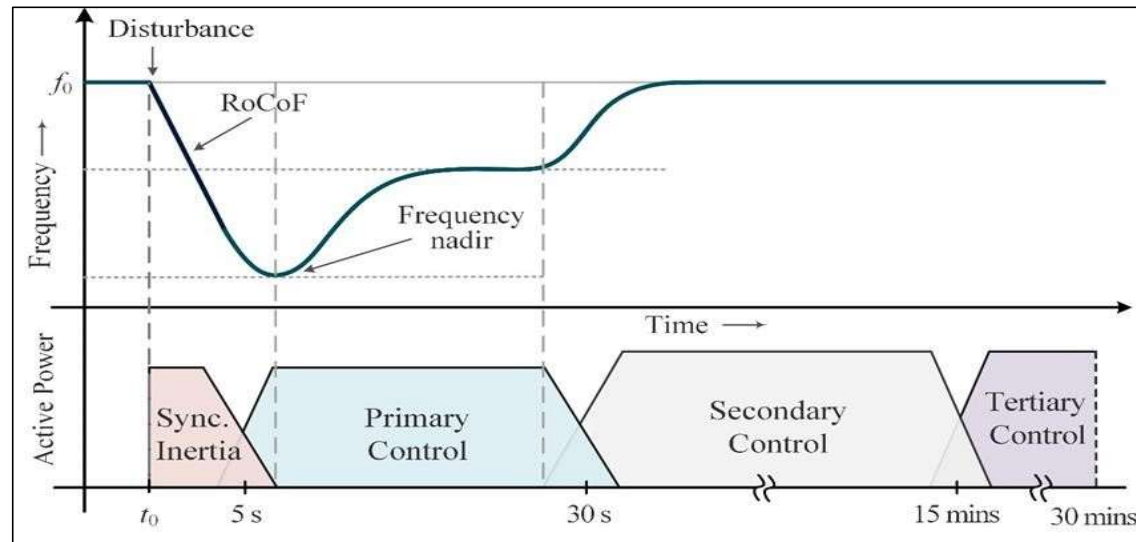
Presentation on Tertiary Reserve Ancillary Services (TRAS)

Gaurav Bhattacharjee
Assistant Manager(MO), NERLDC
Grid Controller of India Limited (Grid-India)
Formerly known as
Power System Operation Corporation Ltd. (POSOCO)

Introduction – Ancillary Services

- **Ancillary services consist of “value-added services” required for**
 - Maintaining generation and load balance (frequency control)
 - Maintaining voltage and reactive power support (voltage control)
 - Emergency preparedness (system restart & stability control)
- **Necessary for maintaining power quality, reliability and security of the grid**
- **Ancillary services can be provided by**
 - Generators
 - Distribution Utilities
 - Transmission operators
 - Other entities : Energy Storage, Demand Response
- **Ancillary services despatched by system operator**
 - Maintaining generation reserves and reactive power support
 - Need to define, measure and pay for services (regulated/market)

Frequency Control Ancillary Services



Reserve	Start of activation	Full Availability/ deployment	Ability to sustain the full deployment	Providers
Primary Response	Instantaneous as soon as frequency crosses dead band	Within 30 sec	5 min	All generators, Energy Storage
Secondary Reserve Ancillary Service (SRAS)	within 30 sec	Within 15 Min	30 min or till replaced by Tertiary Reserves	All generators, Energy Storage
Tertiary Reserve Ancillary Service (TRAS)	Within 15 Min		60 min	All generators, Energy Storage, DR

Key differences between RRAS and TRAS

	RRAS (Existing)	TRAS (Under implementation)
Eligibility	Sec 62/63 Thermal & Gas ISGS	All generating stations / storage / demand response including intra-state entities
Procurement of Reserves	No procurement. Unrequisitioned Surplus utilized	Procurement by NLDC through Power Exchanges
Dispatch of Reserves	Through merit order of variable costs	For Up: Pro-rata for all cleared providers For Down: Merit order of bids
Commitment charges	No commitment charges for undischarged reserves. Refund of fixed charges for dispatch of Up regulation	Commitment charges @ 10% of MCP (max Rs. 0.20/kWh) for capacity cleared but not dispatched
Settlement	Using monthly declared variable charges	Using discovered MCP (for Up); pay-as-bid (for Down)

Tertiary Reserve Ancillary Services (TRAS)

To be effective from 1st May 2023

Clause 14: Eligibility for a TRAS Provider



- A **Generating station** or an Entity having **energy storage resource** or an Entity capable of providing **demand response**
- Connected to **Inter-State transmission system** or **Intra-State transmission system**
- Capable of varying its **active power output** or **drawl** or **consumption**
- Capable of providing TRAS **within 15 minutes** and can sustain for **atleast next 60 minutes**
- Has 'standing clearance' from RLDC or SLDC, as the case may be (minimum quantum of standing clearance shall be 1 MW) via **NOAR**

Clause 15: Activation and Deployment of TRAS



- TRAS shall be activated and deployed as instructed by **Nodal Agency (NLDC)**
- TRAS shall be activated when SRAS has been deployed continuously in **one direction for 15 minutes for more than 100 MW**
- **Extreme weather conditions** such as storms/cyclones, dust storms, fog, hail storms, etc. and/or special days such as, **festivals**, etc.
- Frequency trends, forced outage of any element, congestion etc.

Clause 16: Procurement of TRAS



- TRAS shall be procured through Day Ahead AS Market and Real Time AS market
- The TRAS Up and Down bid would be in the form of Single bid.
- Minimum volume of bid would be 1 MW. Minimum volume step would be 0.1 MW
- The minimum quotation step would be Rs. 100/MWh (capped to Rs 50,000/MWh)
- TRAS Providers shall submit bids for each time block in Day Ahead AS Market and for a minimum of two consecutive time blocks in Real Time AS Market

Clause 16: Procurement of TRAS

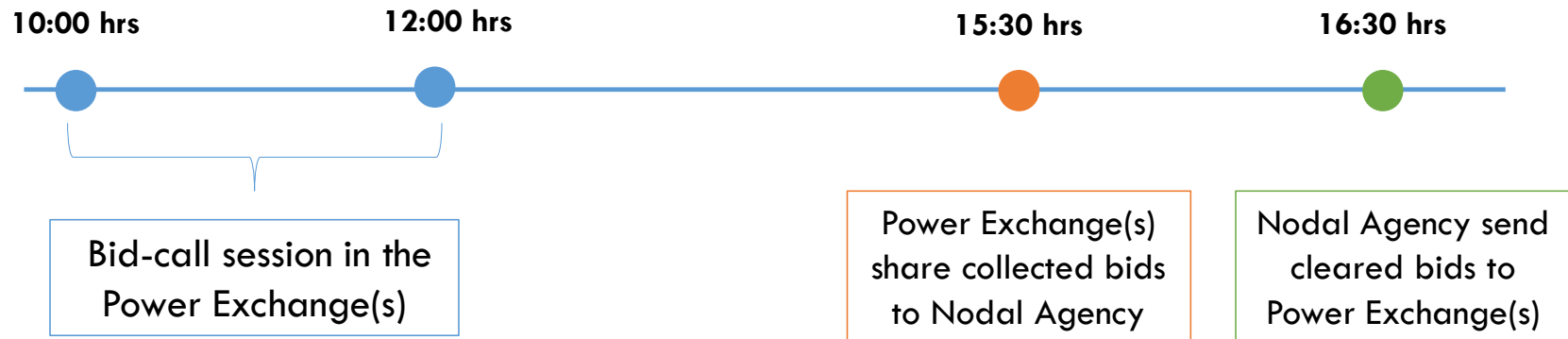


- The capacity offered, as a sell bid **for energy** and **for TRAS** from a resource in the **same time-block**, shall be **separate** and **non-overlapping**
- Above point is valid for TRAS-Up and TRAS Down also
- After clearing of the Day-Ahead Energy Market, the residual uncleared bids of eligible DAM participants who have opted to carry over their bids, would be transferred to Day Ahead AS Market bid stack. Such transfer of bids shall not be done in Real Time AS Market due to time constraints

Bidding Timelines



For Day Ahead AS Market



For Real Time AS Market

Nodal Agency would calculate MCP and MCV for each time-block for both TRAS Up & Down in next 15 minutes following the bidding session from Power Exchange(s)

Clause 17: Price Discovery of TRAS



- Clearing and Price Discovery by Nodal Agency (NLDC)
- Price discovery for **TRAS-Up** shall be based on **Uniform Market Clearing Price**
- Price discovery for **TRAS-Down** shall be based on **Pay-as-bid**

Clause 18: Scheduling and Dispatch of TRAS-Up

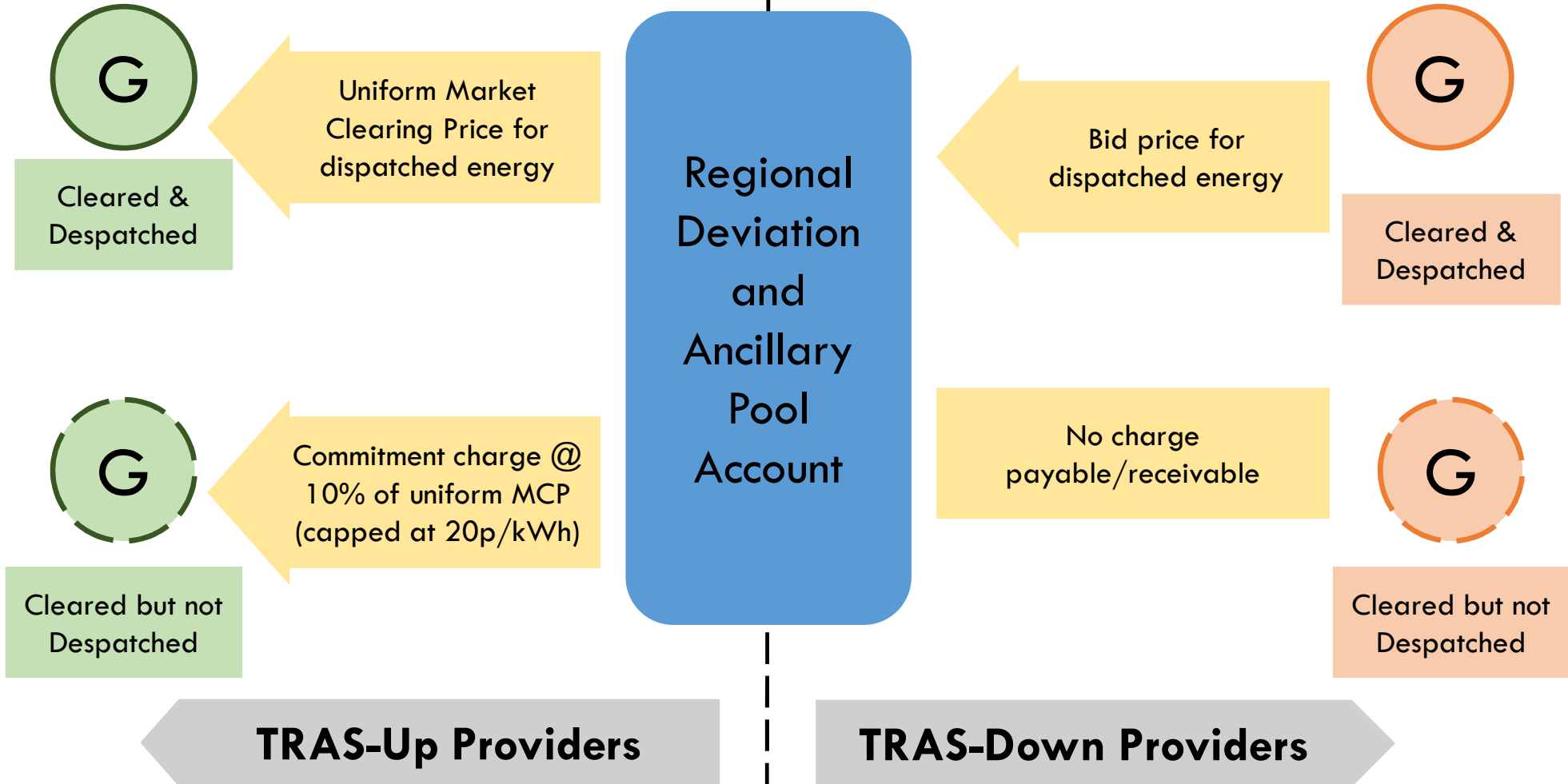
- Schedule for TRAS shall become effective from the time block starting 15 minutes after issue of the despatch instruction by NLDC
- In case the actual requirement for deployment of TRAS-Up is equal to the total TRAS-Up cleared in the AS market, despatch instructions shall be issued to all such TRAS-Up Providers
- In case the actual requirement for deployment of TRAS-Up is less than the total TRAS-Up cleared, then
 - If $MCP\text{-Energy-Up-DAM} = MCP\text{-Energy-Up-RTM}$, TRAS-Up shall be despatched on pro rata basis
 - If $MCP\text{-Energy-Up-DAM} \neq MCP\text{-Energy-Up-RTM}$, TRAS-Up with lower MCP-Energy-Up shall be despatched first followed by the TRAS-Up with higher MCP-Energy-Up

Clause 18: Scheduling and Despatch of TRAS-Down



- In case the actual requirement for deployment of TRAS-Down is equal to the total TRAS-Down cleared in the AS market, despatch instructions shall be issued to all such TRAS-Down Providers
- In case the actual requirement for deployment of TRAS-Down is less than the total TRAS-Down cleared in the AS market, despatch instructions shall be issued to the TRAS-Down Providers in the **descending order** of their Energy-Down bids

Clause 19: Payment for TRAS



Clause 20: Shortfall in Procurement TRAS



- All Section 62 generating stations shall be deemed to be available for use by the Nodal Agency for SRAS/TRAS/both, subject to technical constraints

For such generating stations providing TRAS in shortfall conditions

- TRAS Up: Generating stations would be **paid at the rate of 110%** of their energy charges for TRAS-Up quantum dispatched
- TRAS Down: Generating stations would **pay back to pool 90%** of their energy charges for the TRAS-Down quantum dispatched

Clause 20: Shortfall in Procurement of Emergency Conditions



Under Emergency Conditions

- Nodal Agency may require any generating station to provide Ancillary Services under emergency conditions for reasons of grid security
- In such cases generating station shall be compensated at the rate of
 - Energy charge as determined under Section 62 of the Act or
 - Energy charge as adopted under Section 63 of the Act or
 - Compensation charge declared by the AS provider, as the case may be.

Clause 21: Accounting and Settlement of TRAS



- Accounting of TRAS shall be done by the RPC on a weekly basis
- The payments by the TRAS Provider for TRAS-Down shall be made within 7 days from the date of issue of the statement by the RPC.
- The payments to the TRAS Provider for TRAS-Up shall be made within 12 days from the date of issue of the statement by the RPC.
- Surcharge: @ 0.04% SI for each day of delay

THANK
YOU!

Key differences between RRAS and TRAS

	RRAS (Existing)	TRAS (Under implementation)
Eligibility	Sec 62/63 Thermal & Gas ISGS	All generating stations / storage / demand response including intra-state entities
Procurement of Reserves	No procurement. Unrequisitioned Surplus utilized	Procurement by NLDC through Power Exchanges
Dispatch of Reserves	Through merit order of variable costs	For Up: Pro-rata for all cleared providers For Down: Merit order of bids
Commitment charges	No commitment charges for undischarged reserves. Refund of fixed charges for dispatch of Up regulation	Commitment charges @ 10% of MCP (max Rs. 0.20/kWh) for capacity cleared but not dispatched
Settlement	Using monthly declared variable charges	Using discovered MCP (for Up); pay-as-bid (for Down)



**CERC CGNA REGULATIONS
2022
FIRST AMENDMENT 2023**

48TH CCM, AIZAWL

A pair of black-rimmed glasses is positioned on a stack of papers. A red ribbon bookmark is visible on the left side of the papers. The background is softly blurred, showing more of the paper stack. A semi-transparent circular graphic element is overlaid on the right side of the image.

KEY AMENDMENTS

WAIVER OF TRANSMISSION CHARGES FOR RENEWABLE

- GNA_{RE} AND T- GNA_{RE}
- APPLICABILITY:
 - ❖ *Drawee entity connected to intra state system*
 - ❖ *A DISCOM/Bulk Consumer >50MW, seeking to connect*
- May convert to GNA/T-GNA
- If uses GNA_{re} for Non RE Power; Had to pay Deviation charges.



Relinquishment/surrender of GNA

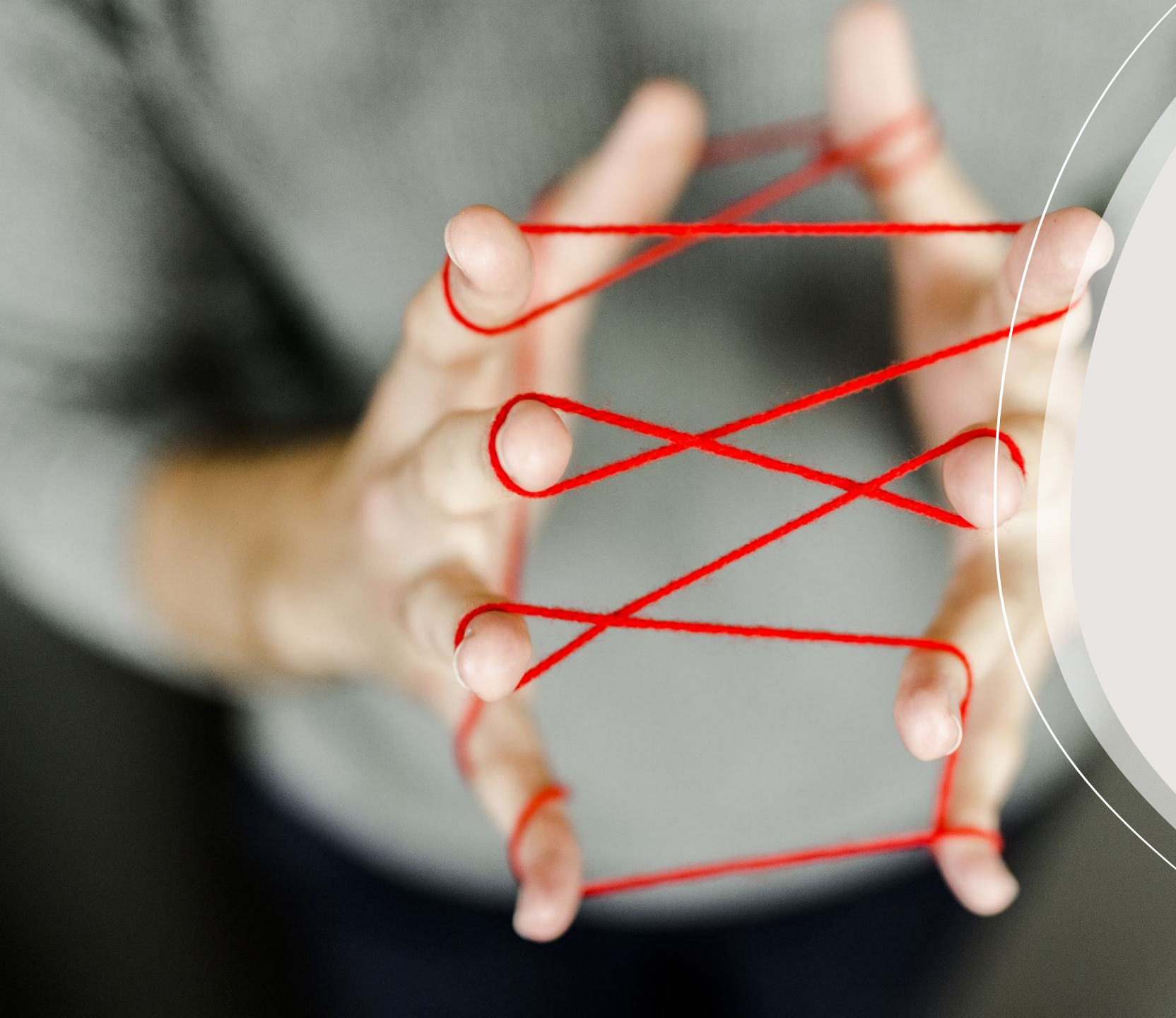
- Can be relinquishment full or in parts, with a notice of one year, along with a fee of fifty lakhs.
- The relinquishment charges shall be equal to 18 times the transmission charges paid by such entity for the last billing month.



Concept of Direct Drawal

- For DICs, the transmission charges payable shall be based on GNA of the state after reducing GNA_d (DIRECT DRAWL).
- GNA_d = Actual ISTS drawl through STU Networks connected to ISGS.





**PREVENT
SQUATTING OF
CONNECTIVITY**

- a. *Generator shall submit ownership or lease rights (and not just agreement) for 50% of the land required for the capacity of connectivity granted within 6 months from the date of grant of connectivity; failing which the connectivity shall be revoked and the Bank Guarantee (BG) encashed.*
- b. *Generator shall submit documents of Financial closure or invest at least 10% of the project cost including the land acquisition cost through equity, duly supported by Auditor's certificate, within 6 months from date of grant of connectivity, failing which the connectivity shall be revoked and the BG encashed.*
- c. *As far as RE projects are concerned; only projects which are expected to be commissioned within 2 years from the date of grant of connectivity may be granted connectivity. If the RE Generator is not able to come up within 2 years, the connectivity granted will be revoked and the BG encashed.*

However, if SCOD of the RE Generator is extended by MNRE, and the RE generator comes within the period of extended SCOD, then connectivity will not be revoked, but the RE Generator shall pay a penalty for delay in the commissioning as provided in the Regulations. For Thermal and Hydro generators, connectivity can be granted for projects, which are expected to be commissioned within 5 and 6 years respectively.

- d. *Change in ownership of Projects before commissioning shall not be allowed.*
- e. *The application fee for connectivity may be increased from present Rs. 5 Lacs to Rs. 10 Lacs.*

3. In light of the decisions taken in the meeting, CERC is required to make suitable changes in the GNA Regulations at the earliest.

4. This issues with the approval of Secretary (Power).”

PROCEDURAL AMENDMENTS

- Addition of Generation Capacity with the Granted Connectivity.
- iro Release of Conn – BGs.
- Revocation of connectivity –reg.
- Others.



Thank You

Please ref:

<https://cercind.gov.in/Regulations/178-Noti.pdf>



पूर्वोत्तर क्षेत्र के वित्तीय वर्ष 2022-23 के विचलन बकाया की स्थिति (पिछले साल सहित)

Deviation Outstanding status of NER for FY-2022-23 (including Last years O/S)

घटक/Constituents	13-03-2023		19-03-2023		भुगतान किया / Paid	प्राप्त / Received	आज की तारीख में/As on 27-03-2023		Figs in Lacs
	Week no of NER-51 of FY 2022-23		रक				टोटल / TOTAL		
	पूल के लिए देय / Payable to Pool	पूल से प्राप्य / Receivable from Pool	पूल से प्राप्य / Receivable from Pool	पूल से प्राप्य / Receivable from Pool			O/S Payable to Pool	O/S Receivable from Pool	
अरुणाचल प्रदेश / Ar. Pradesh	23227.67	5646.08	22455.74	5646.08	771.93	0.00	0.00	0.00	
असम / Assam	59424.78	2717.45	57432.65	2717.45	1992.13	0.00	0.00	0.00	
मणिपुर / Manipur	5238.87	3096.90	4456.29	3096.90	782.58	0.00	359.30	359.30	
मेघालय / Meghalaya	5730.85	10756.16	5730.85	10713.10	0.00	43.07	0.00	0.00	
मिजोरम / Mizoram	6698.63	6552.53	6698.63	6507.60	0.00	44.93	0.00	0.00	
नागालैंड / Nagaland	8437.60	3336.47	8437.60	3299.69	0.00	36.77	0.00	0.00	
त्रिपुरा / Tripura	16486.40	12160.79	16486.40	12097.10	0.00	63.68	0.00	0.00	
लोकतक / Loktak	88.58	1167.73	88.21	1167.73	0.37	0.00	0.00	0.00	
नीपको / NEEPCo	3828.47	25524.84	3828.47	25404.07	0.00	120.77	0.00	0.00	
ई आर / ER	318764.17	658016.10	312088.48	658016.10	6675.69	0.00	0.00	0.00	
ओटीपीसी / OTPC	2888.57	6318.10	2874.21	6318.10	14.37	0.00	0.00	0.00	
एनटीपीसी / NTPC	10433.83	4420.97	10391.01	4420.97	42.82	0.00	0.00	0.00	
एन आर / NR	645193.36	314941.28	645193.36	310728.20	0.00	4213.08	0.00	0.00	
बी.एन.सी / BNC	157.22	397.85	157.22	396.97	0.00	0.87	0.00	0.00	
टोटल / TOTAL	1106599.01	1055053.23	1096319.11	1050530.06	10279.90	4523.18			

Annexure-5.2

REACTIVE POOL ACCOUNT DETAILS : 2022-23										Upto Week - 07	As on	27.03.2023	
										All figures in ₹			
Sl.No	States	CURRENT FY						Reactive Bill settlement status		Interest Bill settlement status		Reactive+Interest Settlement	
		Outstanding Payable (upto FY 21-22)	Outstanding Receivable (upto FY 21-22)	Payable to pool (2022-23)	Paid to pool (2022-23)	Receivable from pool (2022-23)	Received from pool (2022-23)	Outstanding Payable (upto FY 22-23)	Outstanding Receivable (upto FY 22-23)	O/S Reactive interest Payable till FY 20-21 2nd Half	O/S Reactive int. Receivable till FY 20-21 2nd Half	Net Outstanding Payable (upto FY 22-23)	Net Outstanding Receivable (upto FY 22-23)
0	0	1	2	3	4	5	6	1	2	7	8	0	0
1	Ar. Pradesh	50481	264504	32058	82539	210	90874	0	173840	0	0	0	173840
2	Assam	0	11173258	0	0	34442	512776	0	10694925	0	0	0	10694925
3	Manipur	581181	5155	0	9691	4536	9691	571490	0	8226	0	579716	0
4	Meghalaya	5141054	49024	0	116324	67300	116324	5024730	0	0	0	5024730	0
5	Mizoram	2056302	0	62806	557593	0	0	1561515	0	0	0	1561515	0
6	Nagaland	0	97871	11494	11494	227	15456	0	82643	0	0	0	82642
7	Tripura	0	711152	459	459	102	32979	0	678275	0	0	0	678275
8	PSDF	0	-4471947	0	0	0	0	0	-4471947	0	8225	0	-4463722
	TOTAL	7829018	7829018	106817	778100	106817	778100	7157735	7157735	8225	8225	7165961	7165960

Annexure-5.3

अपूर्ण डीएसएम सुलह की स्थिति/ Pending DSM Reconciliation Status

SI No.	Constituents	Period Pending	Total Pending	Last Signed		
				Qr. No.	FY	Date
1	Ar. Pradesh	Up to date	0	3	22-23	22-02-2023
2	Assam	Up to date	0	3	22-23	13-02-2023
3	Manipur	22-23(Q1,Q2,Q3)	3	4	21-22	02-06-2022
4	Meghalaya	Up to date	0	3	22-23	03-02-2023
5	Mizoram	22-23(Q3)	1	2	22-23	19-10-2022
6	Nagaland	Up to date	0	3	22-23	03-02-2023
7	Tripura	Up to date	0	3	22-23	20-01-2023
8	BNC	22-23(Q2,Q3)	2	1	22-23	27-07-2022
9	Loktak	Up to date	0	3	22-23	06-02-2023
10	NEEPCo	Up to date	0	3	22-23	16-02-2023
11	OTPC	Up to date	0	3	22-23	20-02-2023
12	NTPC	Up to date	0	3	22-23	18-01-2023
			6			

अपूर्ण रिएक्टिव सुलह की स्थिति/Pending Reactive Reconciliation Status

SI No.	Constituents	Period Pending	Total Pending	Last Signed		
				Qr. No.	FY	Date
1	Ar. Pradesh	Up to date	0	3	22-23	22-02-2023
2	Assam	Up to date	0	3	22-23	13-02-2023
3	Manipur	22-23(Q1,Q2,Q3)	3	4	21-22	02-06-2022
4	Meghalaya	22-23(Q3)	1	2	22-23	25-10-2022
5	Mizoram	22-23(Q3)	1	2	22-23	19-10-2022
6	Nagaland	Up to date	0	3	22-23	03-02-2023
7	Tripura	Up to date	0	3	22-23	02-02-2023
			5			

Annexure-5.4

2023-24 : Letter of Credit (LC) Amount against DSM charges

Figures in ₹ (Rs.)

Constituents	FY 22-23 DSM liability [DSM charges + Addl. DSM]	Average weekly DSM liability [A/48]	LC Amount [110% of B]	LC amt. (in Lakhs)
	A	B	C	D
AP	283435696	5904910	6495401	64.95
ASSAM	380712484	7931510	8724661	87.25
MANIPUR	84081491	1751698	1926868	19.27
MeECL	69053674	1438618	1582480	15.82
MIZORAM	8313272	173193	190512	1.91
NAGALAND	13123110	273398	300738	3.01
TRIPURA	144372915	3007769	3308546	33.09

**NERPC has published DSM Bills for 48 Weeks of FY 2022-23.*