



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

NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya



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No.: NERPC/COM/CC_Min/2016/1551-1591

Dated: 11th July, 2016

To

1. Director (Distribution), MeECL, Lumjingshai, Short Round Road, Shillong – 793 001
2. Director (Transmission), MeECL, Lumjingshai, Short Round Road, Shillong – 793 001
3. Engineer-in-Chief (P&ED), Govt. of Mizoram, New Secretariat Complex, Khatla, Aizawl – 796 001
4. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
5. MD, APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
6. MD, AEGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
7. MD, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
8. Managing Director, MSPDCL, Keishampat, Imphal – 795 001
9. Managing Director, MSPCL, Keishampat, Imphal – 795 001
10. Chief Engineer (P&E), Department of Power, Govt. of Nagaland, Kohima – 797 001
11. General Manager (C&SO), TSECL, Agartala – 799 001
12. ED, NERTS, PGCIL, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
13. GM (LD&C), PGCIL, "Saudamini" Plot No. 2, Sector – 29, Gurgaon, Haryana – 122 001
14. General Manager, NERLDC, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
15. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
16. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
17. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
18. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
19. Group GM, NTPC Limited, Bongaigaon Thermal Power project, P.O. salakati, Kokrajhar -783369
20. General Manager, OTPC, Palatana, Kakraban, Gomati District, Tripura - 799116
21. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066
22. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
23. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
24. The Executive Director, Knowledge Infrastructure Systems Pvt. Ltd, G-02, Salcon Aurum Complex, 4, Commercial centre, Jasola, New Delhi-110025.
25. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066


Sub: Minutes of the 29th CC meeting held on 22/06/2016 at "Hotel Vivor", Kohima.

Sir,

Please find enclosed herewith the minutes of the 29th Commercial Committee Meeting held at "Hotel Vivor", Kohima on 22nd June 2016 for your kind information and further necessary action.

Encl.: As above


भवदीय / Yours faithfully,


लिङ्खोइ / B. Lyngkhoi

निदेशक / Director/S.E (Comm)

Copy To:

1. SA to Member(GO&D), CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066
2. Head of SLDC, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
3. SE (EM), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
4. Head of SLDC, MeECL, Lumjingshai, Short Round Road, Shillong – 793 001
5. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
6. ED, MSPDCL, Keishampat, Imphal – 795 001
7. ED, MSPCL, Keishampat, Imphal – 795 001
8. S.E. (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl – 796 001
9. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl – 796 001
10. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima – 797 001
11. Head of SLDC, Department of Power, Dimapur, Nagaland
12. DGM (C&SO), TSECL, Agartala – 799 001
13. Head of SLDC, TSECL, Agartala – 799 001
14. Chief Engineer, Loktak HEP, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur – 795 124
15. DGM (Comml), OTPC, 6th Floor, A Wing, IFCI Tower-61, Nehru Place, New Delhi-110019
16. AGM (Comml), NTPC Limited, ER-II HQ, Plot No. N-17/2, Third Floor, Naya Palli, Bhubaneswar-751012


लिङ्गखोइ / B. Lyngkhoi

निदेशक / Director/S.E (Comml)

North Eastern Regional Power Committee

MINUTES OF THE 29th COMMERCIAL COORDINATION

SUB-COMMITTEE MEETING OF NERPC

Date : 22/06/2016 (Wednesday)
Time : 10:00 hrs
Venue : "Hotel Vivor, Kohima", Nagaland

The 29th CC Meeting was hosted by Department of Power, Nagaland. The List of Participants in the 29th CC Meeting is attached at **Annexure – I**

The meeting commenced with a welcome address by Shri K. Miachieo, CE (T&G), Nagaland followed by presentation of flower bouquets to the dignitaries namely, Shri C. Kipili Sangtam, Minister of Power, Nagaland, Shri K. I. Yanger, IAS, Secretary (Power), Nagaland, Shri P. K. Mishra, IES, Member Secretary, NERPC, Shri M. K. Adhikary, Chief General Manager (SLDC), Assam, Shri K. Talukdar, GM (C-TRC), APDCL, Shri A. N. Mishra, General Manager (CommI), NTPC and Shri B. Lyngkhoi, IES, Director/SE (C&O), NERPC respectively.

Shri K. Miachieo, CE (T&G), Nagaland extended a warm welcome to all the delegates of the 29th CCM and conveyed his gratitude to NERPC for giving them the opportunity to host the meeting in Kohima. In his brief speech, Shri Miachieo stated that in spite of poor connectivity of Kohima and difficulty in transportation, a very good number of participants have turned up for the meeting. He was hopeful that more subcommittee meetings of NERPC may be hosted in Kohima in future so that many officers of Department of Power, Nagaland may get the opportunity to attend and get exposure and interactive with other constituents of the region. He wished all the delegates a comfortable stay in Kohima.

Thereafter, the ceremonial lamps were lighted by Shri C. Kipili Sangtam, Minister of Power, Nagaland, Shri P. K. Mishra, IES, Member Secretary, NERPC, Shri M. K. Adhikary, Chief General Manager (SLDC), Assam, Shri B. Lyngkhoi, IES, Director/SE (C&O), NERPC, Shri K. I. Yanger, IAS, Secretary (Power), Nagaland and Shri K. Miachieo, CE (T&G), Nagaland.

There was presentation of mementos by Department of Power (DoP), Nagaland to all the delegates of the 29th CCM before speeches were delivered by Minister of Power, Nagaland and Member Secretary, NERPC respectively.

Shri C. Kipili Sangtam, Hon'ble Minister of Power, Nagaland shared the difficulties faced by DoP, Nagaland. He mentioned that the DoP, Nagaland is trying its best to serve the people of the state in spite of limited funds. Shri Singtam stated that he has highlighted the above problems with the highest level in the central government and now the power department in Nagaland has improved to a great extent. He requested NERPC Secretariat to take a lead role and extend all necessary help not only to Nagaland but to the entire N.E. states and to address the various problems faced by the states in NER as they are completely different geographically from other region of the country. He impressed upon all the participants to deliberate actively and come out with fruitful decision for the benefit of the entire region and for uplifting the society in the future to come.

Shri P. K. Mishra, Member Secretary, NERPC welcomed all participants of the 29th CCM. He thanked the Department of Power, Nagaland for hosting the meeting in the beautiful city of Kohima. He appreciated the warm hospitality and comfortable stay provided to all the delegates of the 29th CCM. Shri Mishra stated that NERPC Secretariat would extend all possible help to facilitate and help the constituents including Nagaland for ushering in power development in the NER states. He highlighted the PSDF funding for NER states which has been approved by the competent authority. He appreciated the keen interest taken by Nagaland for implementing the project from PSDF funding. He impressed upon the CC forum, the need to monitor the project from PSDF funding earnestly and implement successfully so as to bring power development in the NER at par with other regions in the country. He also appreciated the DoP, Nagaland for their clean record of clearing outstanding dues which was exemplary and necessary for maintaining sound financial health of the power entities in the region.

NERLDC gave a presentation on commercial issues and the detail of the presentation is enclosed at **Annexure – II**.

In his vote of thanks, Shri S. M. Aimol, Asst. Secretary & EE (CommI), NERPC acknowledged, heartfelt gratitude to DoP, Nagaland for their warm reception, excellent arrangement and exemplary hospitality accorded to all the delegates of the 29th CCM. He mentioned that the 29th CCM was one of the best meetings hosted by beneficiary states in recent times and thanked one and all for making the meeting a grand success.

Thereafter, Member Secretary requested Shri B. Lyngkhai, Director/SE (C&O) to take up the agenda items for discussion.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF THE 28TH COMMERCIAL SUB-COMMITTEE MEETING OF NERPC.

SE (C&O) informed that the minutes of the 28th CC Meeting held at Hotel "Vedic Village Spa Resort", Kolkata on the 26th February 2016 was circulated vide No.: NERPC/COM/CC_Min/2016/832-872 dated 29th March 2016.

Since no comments/observations were received from the constituents, the sub-committee confirmed the minutes of 28th CCM of NERPC.

The Sub-committee noted as above.

2. AGENDA ITEMS FROM NERPC:

2.1 Colony Consumption by CSGS and Provision of CERC Regulations, 2014 thereof:

The issue was deliberated in the 28th CCM wherein it was highlighted that as per CERC (Removal of difficulty) order, though housing colony or township is integral part of the generating station, the electricity supplied to the housing colonies and township shall not form a part of the auxiliary energy consumption of the generating station. Therefore there was the need to separate the colony consumption and the auxiliary consumption and accordingly, NHPC, NTPC & NEEPCO agreed to intimate the status of their arrangement for metering their colony consumption for each station by 31/3/2016.

However, no information has been received so far. Status of arrangement made on the metering of colony consumption may be intimated.

Deliberation of the Sub-Committee

Shri A. N. Mishra, GM (Comml) clarified that NTPC Bongaigaon has not consumed any auxiliary power for its housing Colony as of now. Whenever such power is consumed by its housing colony or township, the same will be submitted to NERPC secretariat.

Both NEEPCO & NHPC representatives stated that they will submit the required information by July 2016.

The Sub-committee noted as above.

Action: NEEPCO & NHPC

2.2 Official mail ID of constituents for communication:

All accounts and correspondences related to commercial issues are being mailed to IDs in our CC mailing list. In case of change in E-mail IDs of any organization, the same may be intimated to NERPC Secretariat from time to time.

This is for information to CC members

Deliberation of the Sub-Committee

The Sub-committee noted as above. The subcommittee members further agreed that they will create official mail ID for their organization and intimate NERPC Secretariat for updating or replacing their personal IDs (if any) submitted earlier.

Action: All Utilities/Organizations

3. AGENDA ITEMS FROM NERPC:

3.1 Compensation Mechanism for backing down of generation and Reserve Shutdown:

The 4th Amendment of IEGC notified on 6th April, 2016 requires RPC to formulate a compensation mechanism for taking units under Reserve Shut down (RSD) or backing down generation up to technical minimum schedule. A draft mechanism has been prepared and has been attached at Annexure – 3.1. The amount of compensation and its sharing among the beneficiaries is to be reflected in monthly REA upon submission of necessary data by generators/RLDC.

Deliberation of the Sub-Committee

Members of Commercial Subcommittee were requested to go through the draft mechanism prepared by NERPC secretariat and give comments, if any, within 30 days from the issue of the minutes. If no comments are received from constituents, the compensation mechanism as proposed by NERPC will be taken as approved by CCM for further necessary action for implementation as per 4th Amendment of IEGC dt. 6th April 2016.

The Sub-committee noted as above.

Action: All constituents & NERPC

3.2 Methodology for adjustment in monthly share allocation in case of URS scheduling:

As per CERC order in Petition No. 134/2009 dated 11.01.2010 un-requisitioned quantum of power may be scheduled from one beneficiary(s) to another beneficiary(s) of the same power station on the requisition by these beneficiaries through the provision provided in the IEGC. These schedule revisions would be treated as re-allocation of power. The methodology followed by NERPC is attached in Annexure- 3.2. Members may please discuss and ratify.

Deliberation of the Sub-Committee

The matter regarding URS power and its scheduling was discussed and it was clarified that the schedule revision is to be implemented as per CERC provision. Requisition by beneficiaries from URS quantum and scheduling thereof is to be considered as temporary re-allocation of power. The beneficiary drawing such URS will be accordingly liable to bear the fixed cost in addition to variable cost. The methodology for calculation of share allocation adjustment in case of scheduling of URS power was circulated in the meeting for ratification by the members.

CC members agreed to revert back on the methodology.

The Sub-committee noted as above.

Action: NERPC

4. AGENDA ITEMS FROM NHPC

4.1 Outstanding dues of NHPC for more than 60 days:

MeECL, Meghalaya: - As on date, total amount of Rs. **29.58 Crs** (Including surcharge of Rs. **7.99 Crs up to 31.05.2016**) is due against MeECL, Meghalaya. Meghalaya is not liquidating the total dues in spite of our regular follow-up. During 28th CCM held on 26th Feb' 2016, NHPC raised the issue to liquidate the total dues at the earliest. But no payment has been released by Meghalaya till date.

As such, amount outstanding beyond a period of 60 days shall continue to attract late payment surcharge at the rate of 1.50% per month as per CERC (Terms & Conditions of Tariff) Regulations, 2014.

Deliberation of the Sub-Committee

Meghalaya representative informed that outstanding dues would be paid by August 2016.

The Sub-committee noted as above.

Action: MeECL

4.2 Signing of PPA:

(i) Signing of Power Purchase Agreement (PPA) in respect of Tawang-I & II H.E. Projects in Arunachal Pradesh:-

Modified draft PPA has been sent to Manipur, Tripura, & Mizoram on 03.05.2016 for signing of PPA in respect of Tawang-I & II H.E. Projects, in Arunachal Pradesh.

Deliberation of the Sub-Committee

Tripura representative stated that they will take up the matter with competent authority for signing the PPA in respect of Tawang-I & II HE Projects. Representatives of Manipur and Mizoram were not present. However, the CC committee noted the concern of NHPC and Manipur and Mizoram were requested to give consent for signing of PPA at the earliest. NHPC was advised to visit Manipur and Mizoram and pursue with respective governments for settlement of the issue.

The Sub-committee noted as above.

Action: NHPC, Tripura, Manipur & Mizoram

(ii) Signing of Power Purchase Agreement (PPA) in respect of Subansiri Lower H.E. Projects in Arunachal Pradesh.

NHPC is regularly following up the matter with the officers of Deptt. of Power, Govt. of Arunachal Pradesh for signing of PPA in r/o Subansiri Lower H.E. Projects in Arunachal Pradesh. Vide last reminder dated 27.04.2016, NHPC has clarified the doubts raised by the representative of Arunachal Pradesh in 27th CCM of NERPC and explained the mechanism of recovery of advance along with the interest from the portion of free power. But till date we have not received any communication in this regard from Govt. of Arunachal Pradesh.

Deliberation of the Sub-Committee

Since Ar. Pradesh representative was not present, the matter could not be discussed. However, the concern of NHPC was noted and Ar. Pradesh was requested to expedite for signing of PPA in respect of Subansiri Lower HEP.

The Sub-committee noted as above.

Action: NHPC & Ar. Pradesh

4.3 Opening/maintaining of Letter of Credit (LC):

(i) Manipur: - In view of enhancement of share allocation including the unallocated quota of power from Loktak Power Station, Manipur has to provide 'Letter of Credit'

amounting to **Rs. 4.87 Crs** in place of existing L.C. of Rs. **3.05 Crs**. Last reminder sent to MSPDCL on 24.05.2016 for the same.

(ii) Based on 105% of average monthly billing of preceding 12 months i.e. January 2015 to December 2015, Arunachal Pradesh & Mizoram were asked to provide 'Letter of Credit' of requisite amount vide our letter dated 22.01.2016. The existing L.Cs have already been expired but fresh/renewed L.C of requisite amounts has not been received till date despite regular reminders. Last reminders for submission of fresh/renewed L.C were issued on 24.05.2016.

Name of beneficiary	Requisite amount	Validity Expired on
Arunachal Pradesh	Rs. 0.75 Crs	31.03.2016
Mizoram	Rs. 0.76 Crs	24.03.2016

Deliberation of the Sub-Committee

Since representatives of Manipur, Mizoram and Ar. Pradesh were not present, the issue could not be discussed. NHPC was advised to take up with Manipur, Mizoram & Ar. Pradesh bilaterally.

Action: NHPC, Manipur, Mizoram & Ar. Pradesh

5. AGENDA ITEMS FROM PGCIL:

5.1 Outstanding dues:

The total outstanding of POWERGID's NER beneficiaries as on 08.06.16 is as under:

All Figures in INR Crores

DIC	Total Outstanding	Outstanding more than 60 days	Average billing	Remarks
Ar. Pradesh	6.06	2.64	1.99	03 months receivables
AEGCL (Assam)	171.19	100.73	35.00	05 months receivables
Manipur	5.61	0.00	2.90	02 months receivables
MeECL (Meghalaya)	37.10	21.00	6.50	06 months receivables
Mizoram	10.19	3.55	3.25	03 months receivables
Nagaland	-0.27	0.00	3.80	
TSECL (Tripura)	0.14	0.00	3.90	
Total	229.95	127.92	57.34	04 months receivables

It is evident that the total outstanding of NER DICs is of **more than 04 months**.

AEGCL (Assam), MeECL (Meghalaya), Mizoram may be impressed upon to liquidate their respective outstanding dues immediately.

Deliberation of the Sub-Committee

Powergrid representative informed that some payment has been realized from the constituents but outstanding dues of Assam & Meghalaya are still very high.

Representative of Assam stated that they will clear some outstanding dues by 30th June, 2016. All concerned beneficiaries were requested to clear their outstanding dues at the earliest.

The Sub-committee noted as above.

Action: All above concerned beneficiaries

5.2 LC requirement against PoC billing as per Cl. No. 3.6 of BCD (Billing Collection and Disbursement) Procedures of CERC order no. L-1/44/2010-CERC, Dtd. 29.04.11

REQUIREMENT AND STATUS OF LC AS ON DATE (08.06.16) OF NER BENEFICIARIES

(All Figures in Rs. Lakh)

Sl	Beneficiary	Required LC Amount	Due date of enhancement and renewal (for one year)	Total LC Amount to be renewed including enhanced value		
				Existing	Enhancement	Total
1	Arunachal Pradesh	244.96	31.03.16	252.00	0.00	244.96
2	AEGCL (Assam)	2911.41	31.05.17	1994.87	916.54	2911.41
3	Manipur	236.79	15.09.16	213.13	23.66	236.79
4	MeECL	604.81	10.12.13	0.00	604.81	604.81
5	Mizoram	269.59	04.05.16	169.28	100.31	269.59
6	Nagaland	284.04	21.03.17	284.04	0.00	284.04
7	Tripura	271.56	14.02.17	183.00	88.56	271.56

DICs are requested to renew & enhanced the LC as per requirement.

- In 27th & 28th CCM, MeECL has committed to open LC; however as on date LC has not been opened. MeECL may be impressed upon to open LC of requisite amount immediately.

- In last CCM, TSECL has also committed to enhance their LC to requisite amount, however no such action has been taken by TSECL. TSECL may be impressed to enhance the LC as per requirement.

Deliberation of the Sub-Committee

MeECL informed that required LC will be opened by July, 2016. TSECL also stated that required LC will be enhanced by July 2016.

All other beneficiaries were also requested to renew/enhance LC at the earliest.

Action: All above concerned beneficiaries

5.3 Retaining of 10MVA & 16MVA, 132/33kV Transformers of Nirjuli Sub Station as Regional Spare:

Recently, both the 10MVA & 16MVA, 132/33kV Transformers of 132/33kV Nirjuli Sub Station was replaced by POWERGRID under PoC Mechanism with 2X50MVA, 132/33kV Transformers for capacity enhancement as per the approval of NERPC and Standing Committee.

During 122nd OCC Meeting, the members opined to retain both 10MVA & 16MVA, 132/33kV Transformers of 132/33kV Nirjuli Sub Station as Regional Spare considering the remoteness of NER for arranging additional Transformers during breakdown.

The issue may be deliberated and on agreement by the members the same will be placed in next Standing Committee Meeting for approval of the members.

Deliberation of the Sub-Committee

The CC forum approved the proposal as agreed in the 122nd OCC meeting of NERPC.

The Sub-committee noted as above.

Action: NERTS/PGCIL

5.4 Commercial Operation of 1X160MVA, 220/132kV Transformers to be installed at Balipara Sub Station for capacity enhancement of existing 2X50MVA, 220/132kV Transformers:

The existing two nos. of 50MVA, 220/132kV Transformers of 400/220kV Balipara is under replacement with 2X160MVA, 220/132kV Transformers by POWERGRID under PoC Mechanism for capacity enhancement based on the approval of NERPC and Standing Committee. One no of said 50MVA Transformers was installed by AEGCL for catering load to Sonitpur and Darang District and the other by NEEPCO for drawl of

construction Power to Kameng. Hence, the said 50MVA Transformers are not a part of Regional Project. Now, after replacement of the 50MVA Transformers 220kV Bay equipments and C&R Panel owned by NEEPCO & AEGCL will remain in service with 160MVA Transformers. Hence, so far as commercial adjustment is concerned, the same will be as follows:

1. POWERGRID will capitalize the equipments / portion of the project which will be replaced by them.
2. Further, in future, if any replacement of unreplaced equipments of NEEPCO or AEGCL is done owing to breakdown the same will also be capitalized.
3. POWERGRID will maintain both the 160MVA Transformers and its associated bays and hence, the O&M Charge will be payable to POWERGRID.

Note: All the 132kV equipments to be replaced will be handed over to concerned owner viz. AEGCL & NEEPCO along with 50MVA Transformer.

Deliberation of the Sub-Committee

The CC forum agreed to the proposal of Powergrid.

Action: NERTS/PGCIL

6. AGENDA ITEMS FROM NTPC:

6.1 Non-receipt of payment from MeECL:

Power is being supplied from NTPC Bongaigaon to MeECL as per terms of PPA and relevant orders issued by NERPC and other Authority. Bills amounting to Rs.9.39 crores for April'16 supplies and Rs. 8.80 crores for May'16 supplies have already been raised and submitted to MeECL. It is impressed upon MeECL that these amounts constitute a firm liability which may be discharged at the earliest so as to pre-empt further recourse on our part. Additionally, payment security in the form of LC has also not been made available to us.

Deliberation of the Sub-Committee

The CC forum requested MeECL to clear outstanding dues of NTPC at the earliest and also open requisite LC as per provision of CERC regulation.

SE (Comml.), MePDCL informed that the same has been noted by them and payment will be made at the earliest.

The Sub-committee noted as above.

Action: MeECL

6.2 Non-receipt of payment from TSECL:

Power is being supplied from NTPC Bongaigaon to TSECL as per terms of PPA and relevant orders issued by NERPC and other Authority. Bills amounting to Rs.4.68 crores for April'16 supplies and Rs. 5.27 crores for May'16 supplies have already been raised and submitted to TSECL. It is impressed upon TSECL that these amounts constitute a firm liability which may be discharged at the earliest so as to pre-empt further recourse on our part. Additionally, payment security in the form of LC has also not been made available to us.

Deliberation of the Sub-Committee

The CC forum requested TSECL to liquidate outstanding dues of NTPC at the earliest and also open requisite LC as per provision of CERC regulation.

Action: TSECL

6.3 Additional agenda of NTPC:

1. LC for Arunachal Pradesh, Manipur, Meghalaya and Tripura with respect to BgTPP is not established yet.
2. It is noticed that, there is mismatch in total schedule energy of NTPC Stations between ERPC & NERPC REA for the year 2015-16.
3. If there are (X + Y) Discoms in the region and the generator gets dispatch schedule based on the withdrawal schedule of X Discoms which is equal to or more than the technical minimum load of the generator (55 % as specified in IEGC-4th Amendment), then the other Discoms (Y) who are giving zero requisition should not be given any withdrawal schedule.

Deliberation of the Sub-Committee

1. Concerned beneficiaries were requested to open LC in respect of BgTPP as per CERC regulation.
2. NTPC was advised to sort out the issue with NERPC secretariat for any matter related to accounts issued by NERPC. The same will be looked into by NERPC Secretariat.
3. DGM (MO), NERLDC informed that the scheduling methodology as stated above by NTPC has already been implemented in respect of BgTPP by considering 65% as technical minimum load of the plant. If the total requisition of power from BgTPP is less than 65%, schedules of the beneficiaries who have requisitioned less than their minimum necessary w.r.t technical minimum are increased/jacked up so that total requisition is not less than agreed technical minimum.

It was also clarified that when the IEGC 4th amendment is implemented (i.e. technical minimum load=55% of the IC), the same will be incorporated while scheduling is done as stated above.

The Sub-committee noted as above.

Action: NTPC & all beneficiaries

7. AGENDA FROM NERLDC

7.1 Deviation charges outstanding:

As on 10/06/2016, Assam (**Rs. 29.21** Crores; greater than 13 weeks is Rs. **7.30** Crores) and Arunachal Pradesh (**Rs. 8.83** Crores; greater than 13 weeks is Rs. **2.75** Crores) are major defaulters. It is reiterated that outstanding >13 weeks may result in action as stipulated by CERC by not allowing open access.

Deliberation of the Sub-Committee

Concerned constituents were requested to clear their outstanding dues at the earliest. Assam agreed to take immediate action for clearing their outstanding dues. Status (revised) as on 16/06/2016 is enclosed (**Annex.-7.1**).

Action: Assam & all concerned constituents

7.2 Non-payment of NERLDC fees and charges bills:

NERLDC is raising the bills on monthly basis on the 1st working day of every month in Terms of the CERC (fees and charges of RLDC and other related matters) Regulation, 2015.

The status of latest outstanding is as below:

Manipur	: ₹ 2180034/- (3 months charges due)
Ar. Pradesh	: ₹ 1843236/- (3 months charges due)
Mizoram	: ₹ 1065040/- (3 months charges due)

Deliberation of the Sub-Committee

Representatives of Manipur, Mizoram & Ar. Pradesh were not present. NERLDC was advised to settle bilaterally with Manipur, Mizoram & Ar. Pradesh. The status will be reviewed in the next meeting.

Action: NERLDC

7.3 SEM & associated issues:

1. Procurement of 250 SEMs / 60 Laptops, DCDs.
2. Procurement of 70 additional Laptops.
3. Downloading of SEM reading directly in Laptop
4. Procurement of 100 Nos. USB – Optical cables.
5. Rectification of large time-drifted SEMs in L&T works.
6. AMR scheme in NER.
7. Time drift in meter – regular action.
8. Timely receipt of SEM readings from metering locations.

Deliberation of the Sub-Committee

Concerned entities were requested to take necessary action on the above issues and inform the status in the coming 18th Metering Meeting of NERPC.

Action: PGCIL/CTU & all concerned entities.

7.4 Tabling quarterly figures of Deviation and Reactive Pool Account in Commercial Committee:

The quarterly figures for Jan'16 to Mar'16 were circulated to the constituents in the meeting. Observations, if any may be sent within 15 days to NERLDC. If no observation is received the accounts as circulated will be taken as final.

The Sub-committee noted as above.

8. AGENDA ITEMS FROM NEEPCO:

8.1 Signing of PPA for Kameng Hydro Electric Project (KaHEP):

As per the latest commissioning schedule, KaHEP is expected to be commissioned by December, 2016 and signing of PPA has now become urgent. In line with the allocation order of Ministry of Power, GOI, and NEEPCO has forwarded draft PPA for scrutiny and to initiate the process for the same.

NEEPCO requests all the beneficiaries of NE region to expedite the process for signing the agreement.

Deliberation of the Sub-Committee

NEEPCO representative stated that the Kameng Hydro Electric Project (KaHEP) is expected to be commission by December 2016 and therefore the process for signing of PPA for the project is to be expedited on topmost priority by all beneficiaries having allocation from the Kameng HEP. He further informed that Assam & Ar. Pradesh have signed the PPA.

All other beneficiaries were requested to expedite for signing of the PPA at the earliest.

NEEPCO was also advised to visit all the concerned states and pursue with the respective governments for signing of the PPA.

Action: NEEPCO & all concerned beneficiaries.

8.2 Outstanding dues of beneficiaries payable to NEEPCO as on 31.05.2016 are as follows:

Beneficiary	Principal (In Rs. crore)	Surcharge accumulated till 31.03.2016 (in Rs. crore)	Total (in Rs. Crore)
APDCL, Assam	352.13	0.00	352.13
DoP, Ar. Pradesh	13.84	1.87	41.04
P&E Deptt., Mizoram	18.85	22.19	49.96
DoP, Nagaland	11.37	0.00	184.20
MSPDCL, Manipur	49.96	0.00	15.71
TSECL, Tripura	153.13	31.08	11.37
MePDCL, Meghalaya	335.67	197.55	533.22
Total	934.95	252.69	1187.63

The above statement reflects an alarming situation. Yet, it has to be appreciated that some states are paying regularly and some are trying hard to clear the dues. But the response from Meghalaya is nothing but dismal.

Due to accrual of such outstanding dues, NEEPCO is facing difficult to meet its day to day expenditure including fuel cost required for operating its thermal power stations. In the interest of extending better service to its beneficiaries, NEEPCO earnestly requests all the beneficiaries to make the payment on regular basis.

Deliberation of the Sub-Committee

Director/SE (C&O), NERPC stated that beneficiaries should try to at least pay some amount on regular basis so that outstanding amount should not reach to an alarming figure as in the case of MeECL which is Rs 533.22 crores. While appreciating the payment record of Nagaland against their outstanding dues, Director/SE (C&O), NERPC requested all beneficiaries to take immediate necessary action for liquidating all outstanding dues including those of NEEPCO.

MeECL representative informed that Government of Meghalaya is taking the issue of outstanding dues very seriously and necessary action is being taken up at the highest level in the government.

All beneficiaries were requested to take necessary action for payment of their outstanding dues.

Action: All concerned beneficiaries.

9. AGENDA ITEMS FROM OTPC:

9.1 Outstanding Dues of OTPC against NER beneficiaries:

The current total outstanding dues of OTPC against the NER beneficiary states (as on 10-06-2016) are as under:

(Amount in Rs Crores)

Sl.No.	Beneficiary	Outstanding Dues (>60 Days)	Total Outstanding
1	Arunachal Pradesh	3.129	8.211
2	Assam	10.094	63.870
3	Manipur	0.000	5.895
4	Meghalaya	10.599	29.867
5	Mizoram	0.000	3.068
6	Nagaland	0.000	0.000
7	Tripura	78.440	127.134
	Total	102.263	238.044

The total outstanding dues as on 10-06-2016 are Rs 238.044 Crores out of which outstanding beyond 60 days is Rs 102.263 Crores. Constituents are requested to clear at least the outstanding dues over 60 days, at the earliest.

Deliberation of the Sub-Committee

The following status was informed:

S. No.	State	Status
1	Assam	Outstanding beyond 60 days has been cleared. Assam will liquidate all outstanding dues by August 2016
2	Tripura	All outstanding dues will be paid by August 2016
3	Meghalaya	All outstanding dues will be paid by August 2016

All other beneficiaries were also requested to liquidate their outstanding dues at the earliest.

Action: All beneficiaries above.

9.2 Status of Payment Security Mechanism of the beneficiaries required against monthly energy billing as per Power Purchase Agreement and CERC regulations:

Sl. No.	Beneficiary	Letter of Credit (LC) required as per PPA (Rs Crore)	LC amount status (Rs Crore)	Valid Upto	Remarks
1	Arunachal Pradesh	11.62	11.62	31-Mar-2016	Kindly renew the LC and park sufficient funds with bank for LC
2	Assam	40	40	27-Apr-2017	LC is in place
3	Manipur	16.519	3.7	15-Sept-2016	May Kindly renew in time
4	Meghalaya	29.78	-	-	Meghalaya has never provided the LC even after continuous persuasion
5	Mizoram	7.5	5.81	7-May-2015	Yet to be renewed
6	Nagaland	14.26	14.26	20-Mar-2017	LC is in place
7	Tripura	46.53	18	19-Mar-2017	LC is in place

Beneficiaries are requested to enhance and renew the LC amount as per the PPA at the earliest.

Deliberation of the Sub-Committee

Concerned beneficiaries were requested to open/renew the requisite LC amount as per CERC regulation and PPA in respect of Platana.

Action: All concerned beneficiaries above.

10. AGENDA ITEMS FROM TSECL:

10.1 Surrendering share of Tripura in Bangaigaon Thermal Power station of NTPC & non acceptance of provisional energy bill raised by NTPC:

Tripura State Electricity Corporation entered into an agreement with NTPC for purchase of power from Bangaigaon thermal power station during September' 2007. The availability of power was subject to opening of LC with NTPC at the time of COD.

TSECL prior to COD informed NTPC as well as MOP, GOI for surrendering of allocated share to avoid extra financial burden for purchase of such costlier power.

Accordingly, TSECL has provided zero schedules from this project after COD as un-requisitioned power and therefore the claim raised by NTPC is not acceptable.

Deliberation of the Sub-Committee

GM (Comm), NTPC stated that NTPC Bongaigaon plant was set up with the consent of all the seven states of NER. The cost of power has increased due to high variable cost

and other factors beyond the control of NTPC. He suggested that Government of India may be approached for giving subsidy in the transportation of coal which will ultimately reduce the cost of power. The transport subsidy scheme for NER is in vogue in other sectors but not in the power sector.

Director/SE (C&O), NERPC also stated that NTPC Bongaigaon power allocation was done by Ministry of Power as per requirement and policy of the government of India. After the COD of BgTPP was declared, the power from the plant was scheduled to all beneficiaries after consideration of minimum technical requirement of generation and as per agreed methodology of scheduling in the OCC forum of NERPC.

DGM (MO), NERLDC referred OM of MoP dated 09.05.2016 and 19.05.2016 (**Annex. – 10.1**) wherein vide correspondence dated 19.05.2016, MoP has clarified that fix charge liabilities would be with original beneficiary till any re-allocation is done. Regarding under requisition from ISGS, he suggested that beneficiaries should take note of para 6 of OM dated 09.05.2016 to enable generator to sale URS in market. It was noted that APDCL has started the practice.

Director/SE (C&O), NERPC clarified that as of now, revised allocation of power of BgTPP has not been received from Ministry of power except the allocation of 2.5 MW to HVDC BNC.

The present scheduling done for NTPC Bongaigaon was also discussed in item 6.3 above.

The Commercial committee members noted as above.

10.2 Approval of transmission tariff for 132KV Dharmanagar (Tripura) - Durlavcherra (Assam) upto Churaibari (Tripura portion) line in NE region and sharing of YTC:

Hon'ble CERC in petition no-201/TT/2013, dated: 05-02-2016 determined the YTC for FY 2012-13, 2013-14, 2014-15 for an amount of Rs. 57.881 lakhs, 49.785 lakh & 63.367 lakh respectively with the following direction at Sl. No-20 of the said order.

Quote "The Annual Transmission charges allowed for the assets covered in the instant petition shall be considered in the YTC as per the sharing of inter-state Transmission charges and losses regulation as, 2010 and shall be adjusted against the ARR of the petitioner approved by the state commission" **unquote.**

In view of the above, PGCIL is to do the necessary action for sharing of the YTC in favor of TSECL so that TSECL is able to adjust the same in the ARR at an early opportunity.

Deliberation of the Sub-Committee

DGM (Comm), PGCIL informed that TSECL was required to sign Revenue Sharing Agreement (RSA) with Powergrid for effecting the sharing of YTC in favour of TSECL.

He also informed that all other entities whose YTC are to be included or have been included as per the "Inter State Transmission Charges and Losses Regulation 2010" need to sign Revenue Sharing Agreement (RSA) with PGCIL so that necessary action for sharing of revenue could be taken up by PGCIL.

The forum advised TSECL to approach PGCIL Corporate office, Gurgaon for signing of RSA and settle the issue bilaterally.

Action: TSECL & all concerned entities

11. AGENDA ITEMS FROM APDCL

11.1 Re-import of Kurichhu energy by Bhutan from Assam grid w.e.f. April' 2003:

This issue is in the matter of re-import of Kurichhu energy by Bhutan through Assam grid and anomalies in energy accounting thereof since April' 2003. It may be mentioned that Bhutan is re-importing Kurichhu energy through Assam grid since 01.01.1999 and accordingly the energy quantum was being reimbursed to Assam by EREB (ERPC) in monthly energy accounting.

But at the time of implementation of ABT in ER that methodology of reimbursement of energy to Assam was dropped. The matter came to our knowledge in a meeting dated 09.01.2014 arranged by ERPC on the same issue of re-import of energy by Bhutan.

Ultimately, on the basis of decision taken in joint discussion of ERPC and NERPC Secretariat, APDCL filed a Petition on this matter before the Hon'ble CERC praying for reimbursement of cost of energy imported by Bhutan from the UI/ DSM pool account from April' 2003 onwards and also for billing guidelines for future period of transaction. The Central Commission CERC has taken a hearing on the matter on 11.08.2015 where NERPC, ERPC, NERLDC, ERLDC etc were also parties. All have admitted the submission of Assam (APDCL). Though the CERC was to issue necessary order on this, but till now no order is released by the Commission.

APDCL therefore prays to this Forum kindly to take up the matter with the CERC from the NERPC secretariat level so that the order is issued at the earliest.

Deliberation of the Sub-Committee

The forum appreciated NERPC to have resolved the long pending issues. The forum also directed APDCL to take necessary action for installation of meters and finalization of modality of accounting for the period from December, 2014.

DGM (Comml), APDCL informed that they have submitted the Bills to ERPC with a copy to NERPC/NERLDC duly verified for the period till November, 2014. Further, he informed that for the period from December, 2014 onwards, the bills will be submitted again to NERPC/NERLDC and requested NERPC/NERLDC to verify the bills so that necessary payment will be made in line with the decision of Hon'ble CERC.

The Sub-committee noted as above.

Action: APDCL, NERPC/NERLDC.

ANY OTHER ITEMS

A. Inclusion of OTPC in TPA

OTPC representative stated that as decided in the 28th CCM, OTPC has initiated inclusion of OTPC in the Tripartite Agreement (TPA) with Ministry of Power. He informed that some beneficiaries have already taken action with their respective state governments. He requested all beneficiaries to expedite for inclusion of OTPC in TPA at the earliest.

The commercial committee requested all beneficiaries to expedite signing of TPA in respect of OTPC and take necessary action in this regard.

The Sub-committee noted as above.

Action: All beneficiaries & OTPC.

B. Renewal of TPA with NEEPCO

NEEPCO representative informed that the TPA in respect of NEEPCO is going to expire in October 2016. He requested all beneficiaries to take necessary action with their respective government for renewal of TPA.

The Sub-committee noted as above.

Action: All beneficiaries & NEEPCO.

C. Reconciliation of Regulatory pool accounts

NERLDC informed that disbursement of Regulatory Accounts viz. Deviation Account and Reactive Account was being done by them. Quarterly reconciliation statement of such disbursements was being sent by NERLDC to all constituents. NERLDC

representative stated that some of the constituents had not signed reconciliation statement for quite some time. Such delay in signing reconciliation was undesirable as it was being questioned by auditors. For example, APDCL had not signed reconciliation statements as below:

Deviation Account: Q-2 to Q-4 of 2015-16 (three statements)

Reactive Account: Q1 of 14-15 to Q-4 of 15-16 (eight statements)

Reconciliation statement copies signed from NERLDC side was distributed in the meeting and all were requested to sign the reconciliation statements on quarterly basis to avoid any backlog.

The constituents agreed to reconcile their accounts and also send the signed copy of reconciled accounts/bills on regular basis.

The Sub-committee noted as above.

Action: All beneficiaries & NERLDC.

DATE AND VENUE OF NEXT COMMERCIAL COMMITTEE MEETING
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The next Commercial Coordination Sub-Committee meeting will be held in the month of September 2016. The date and venue will be intimated separately.

The meeting ended with thanks to the Chair.

Annexure-I**List of Participants in the 29th CC Meetings held on 22.06.2016**

SN.	Name & Designation	Organization	Contact No.	Email Address
	No Representative	Ar. Pradesh	-	-
1.	Sh. M. K. Adhikary CGM (SLDC)	Assam	9864049287	m.adhikary@msn.com
2.	Sh. K. Talukdar GM (C-TRC), APDCL	Assam	-	-
3.	Sh. J.K.Baishya DGM, SLDC	Assam	9435041494	jatinbaishya@yahoo.com
4.	Sh. K. Goswami DGM (Comm.)	Assam	9864020019	kumud_goswami@rediffmail.com
5.	Sh. S. Kaimal AGM (F&A), AEGCL	Assam	9435114641	suresh11_k@rediffmail.com
	No Representative	Manipur	-	-
	No Representative	Mizoram	-	-
6.	Sh. A. Kharpan ACE (Comm), MeECL	Meghalaya	9436117802	apkharpan@yahoo.co.in
7.	Sh. R. Majaw SE (Comm), MePDCL	Meghalaya	9436110871	rolmajaw10@gmail.com
8.	Sh. F. E. Kharshiing SE, SLDC	Meghalaya	9863066960	-
9.	Shikato Sema, SE	Nagaland	-	-
10.	Er. I. Tally Asst. CE (T&G)	Nagaland	9436208715	-
11.	Sh. A. Jakhalu EE (Trans.), Dimapur	Nagaland	9436002696	atocho.jk@gmail.com
12.	Sh. M. Kikon EE (Trans.), Mokochung	Nagaland	9436005616	-
13.	Er. R. Suohu, EE (E)	Nagaland	9436009945	-
14.	Er. V. Kezo, EE	Nagaland	9436002732	-
15.	Er. N. C. Tewari, EE (Hydel)	Nagaland	9436601312	-
16.	Er. W. Jamir, EE (Rev.)	Nagaland	9856052256	-
17.	Er. N. Neikha EE, Likimro	Nagaland	9436011231	-
18.	Er. Penrithung Yanthan EE (Gen)	Nagaland	9862586770	-
19.	Sh. Rokobeito Iralu SDO (Trans.), Dimapur	Nagaland	9436832020	-
20.	Sh. Akito Sema SDO (T/C)	Nagaland	9436659722	-
21.	Sh. Tingtenmoie Konyak SDO (Store)	Nagaland	9436609214	-

22.	Sh. A. Gan Chaudhuri DGM (C&T), TSECL	Tripura	9436139311	ad_comm@rediffmail.com
23.	Sh. D. Pal, Sr. Mgr, TSECL	Tripura	9436500244	d_pal1966@rediffmail.com
24.	Sh. R. Sutradhar DGM (MO)	NERLDC	9436302714	nerldc1@gmail.com
25.	Sh. Babul Roy, Mgr (MO)	NERLDC	9436335377	nerldc1@hotmail.com
26.	Sh. M. Choudhury, Sr. Mgr, (E/M)	NEEPCO	9435339777	munin99@gmail.com
27.	Smt. Bornali Deori Sr. Mgr (F)	NEEPCO	9435339684	neepcocommercial@gmail.com
28.	Sh. P. J. Sharma Addl. GM (Comml)	PGCIL	9435734294	nerts.comml@gmail.com
29.	Sh. P. Kanungo DGM (AM)	PGCIL	9436302823	kanungo1966@gmail.com
30.	Sh. K. J. Kalita Sr. Engineer (Comml.)	PGCIL	9985131393	nerts.comml@gmail.com
31.	Sh. A. N. Mishra GM (Comml)	NTPC	9811430526	anmishra1959@gmail.com
32.	Sh. R. Borgohain Addl. GM (Comml)	NTPC	9435720128	raktimborg@gmail.com
33.	Sh. Raju P. Singh Manager (Comml.)	NHPC	9810208357	rajuprasad@nhpc.nic.in
34.	Sh. Amit Dabas Manager (Comml.)	OTPC	9810552777	amitdabas@otpcindia.in
35.	Sh. P. K. Mishra, Member Secretary	NERPC		ms-nerpc@gov.in
36.	Sh. B. Lyngkhai Director/S.E (C&O)	NERPC	9436163419	brieflee.lyngkhai@gov.in
37.	Sh. S. M. Aimol Asst. Secretary & EE (C)	NERPC	8794002106	shialloa@yahoo.com

Reserve Regulation Ancillary Services

Power System Operation Corporation Ltd.
North Eastern Regional Load Despatch Centre
Shillong

Reserve Regulation Ancillary Services

Reference Documents:-

1. CERC order dated 13th August, 2015
2. CERC SOR on RRAS dated 17th September, 2015
3. Detailed Procedure dated 10th March, 2016
4. Mark-up order for RRAS dated 29th February, 2016

6/22/2016

RRAS in Indian Grid

- Commenced on 12th April, 2016
 - Regulation UP so far 52.3 MU
 - Regulation Down so far 26.7 MU
- (Till 31/05/16)

6/22/2016

RRAS in NER

- First triggered on 06th May at Time Block 61(15:00-15:15) from AGBPP station, 20 MW UP Regulation
- Regulation UP So far 564.75 MWH(Till 05/06/16)
- Regulation Down so far 1288.25 MWH(Till 05/06/16)

6/22/2016

Data Submitted by RRAS provider for May '16

(All Figs Rs/KWH)

RRAS Provider	Fixed Cost	Variable Cost	Total
AGBPP-NEEPCO	1.78	2.31	4.09
AGTCCP-NEEPCO	1.56	2.80	4.36
BGTTP-NTPC	2.70	2.99	5.69

6/22/2016

RRAS Settlement Account Status

As On Date 17/06/2016

Constituents	Total Payable to Pool	Total Receivable from Pool	TOTAL (Disb. Till wk-08)Part		O/S Payable to Pool	O/S Receivable from Pool
			Paid	Recived		
AGBPP	909387	1602908	909387	1602908	0	0
AGTCCP	307581	247209	307581	247209	0	0
NEEPCo	1216968	1850117	1216968	1850117	0	0
NTPC	1113862	764804	0	764804	1113862	0
TOTAL	2330830	2614920	1216968	2614920	1113862	0

6/22/2016

Payments to the RRAS provider from DSM Pool for UP Regulation (to be made within 15 days from issue of settlement A/C by RPC)

RRAS Provider	Period	Regulation Up MWH	Fixed Charge	Variable Charge	Mark-Up	Total
AGBPP-NEEPCO	02/05/16-08/05/16	5	8895	11540	2500	22935
	09/05/16-15/05/16	109.75	195245	253303	54875	503423
	16/05/16-22/05/16	62.5	111188	144250	31250	286688
	23/05/16-29/05/16	82.5	152130	147345	41250	340725
	30/05/16-05/06/16	108.75	200335	194228	54375	449138
AGTCCP-NEEPCO	16/05/16-22/05/16	5.5	8580	15389	2750	26719
	23/05/16-29/05/16	21.5	30186	34013	10750	74949
	30/05/16-05/06/16	41.75	58617	66049	20875	145541
BGTTP-NTPC	16/05/16-22/05/16	6	16192	17948	3000	37140
	23/05/16-29/05/16	41.75	100618	128548	20875	250041
	30/05/16-05/06/16	79.75	192198	245550	39875	477623
Total		564.75	1074382.95	1258162.3	282375	2614920

6/22/2016

Payments by the RRAS provider to DSM Pool for DOWN Regulation (to be made within 10 days from issue of settlement A/C by RPC)

RRAS Provider	Period	Regulation Down MWH	Total Variable Charge	75% Variable Charge to be Paid to DSM Pool
AGBPP-NEEPCO	09/05/16-15/05/16	194	447752	335814
	16/05/16-22/05/16	19.5	45006	33755
	23/05/16-29/05/16	403	719758	539819
	30/05/16-05/06/16	0	0	0
AGTCCP-NEEPCO	09/05/16-15/05/16	17.5	48965	36724
	16/05/16-22/05/16	75.5	211249	158437
	23/05/16-29/05/16	94.75	149895	112421
	30/05/16-05/06/16	0	0	0
BGTTP-NTPC	16/05/16-22/05/16	58	173495	130122
	23/05/16-29/05/16	426	1311654	983741
	30/05/16-05/06/16	0	0	0
Total		1288.25	3107774	2330830

6/22/2016

Reimbursement of the fixed charge by the RRAS provider to the original beneficiaries (to be made within 20 days from issue of settlement A/C by RPC)

RRAS Provider	Period	Energy Scheduled to VAE under RRAS (MWH)	Fixed Charge to be Refunded	Original Beneficiary
AGBPP-NEEPCO	02/05/16-08/05/16	5	8895	ASSAM
	09/05/16-15/05/16	109.75	109770	ASSAM
			84966	MEGHALAYA
			509	NAGALAND
	16/05/16-22/05/16	62.5	63068	ASSAM
			43706	MEGHALAYA
			593	MIZORAM
			3821	NAGALAND
	23/05/16-29/05/16	82.5	3330	MANIPUR
			131708	MEGHALAYA
			17092	NAGALAND
	30/05/16-05/06/16	108.75	71967	ASSAM
			118230	MEGHALAYA
			10338	NAGALAND
Total		368.5	667993	

6/22/2016

Reimbursement of the fixed charge by the RRAS provider to the original beneficiaries (to be made within 20 days from issue of settlement A/C by RPC)

RRAS Provider	Period	Energy Scheduled to VAE under RRAS (MWH)	Fixed Charge to be Refunded	Original Beneficiary
AGTCCP-NEEPCO	16/05/16-22/05/16	5.5	5105	MEGHALAYA
			729	MIZORAM
			700	NAGALAND
			2047	TRIPURA
	23/05/16-29/05/16	21.5	15424	ASSAM
			14762	MEGHALAYA
	30/05/16-05/06/16	41.75	18181	ASSAM
			39013	MEGHALAYA
			1422	NAGALAND
			BGTPP-NTPC	16/05/16-22/05/16
4495	NAGALAND			
6785	TRIPURA			
19996	ASSAM			
23/05/16-29/05/16	41.75	13007		MEGHALAYA
		22296		MIZORAM
		14519		NAGALAND
		30799		TRIPURA
30/05/16-05/06/16	79.75	58318		MIZORAM
		50822		NAGALAND
		83058	TRIPURA	
Total		196.25	406390	

6/22/2016

Thank You

6/22/2016

COMPENSATION MECHANISM IN COMPLIANCE WITH IEGC(4th Amendment) Regulations 2016 Cl. 6.3B.7

NERPC Secretariat

Cl.3.(v): Compensation for the Station Heat Rate and Auxiliary Energy Consumption shall be worked out in terms of energy charges

- $ECR = \{(GHR - SFC \times CVSF) \times LPPF / CVPF + SFC \times LPSFi + LC \times LPL\} \times 100 / (100 - AUX)$
- $GHR_{new} = GHR(1 + \Delta SHR/100)$
- $AEC_{new} = AUX + \Delta AUX$
- ECR_{new} is now calculated with GHR_{new} & AEC_{new} .
- $Net\ Compensation = (ECR_{new} - ECR) \times$
Scheduled energy of the period.

Cl.3.(iii): COMPENSATION FOR START UP FUEL COST IN CASE OF RSD

- SFC_{new} calculated based on the total number of startups in the period.
- Accordingly ECR_{new} & compensation is to be calculated

SHR degradation to be considered for the purpose of compensation for coal/lignite fired stations

Sl.No.	Unit loading as a percentage of IC of unit	Increase in SHR for supercritical units (%)	Increase in SHR for sub-critical units (%)	Case
1	85-100	Nil	Nil	SHR
2	75-84.99	1.25	2.25	SHR _a
3	65-74.99	2	4	SHR _b
4	55-64.99	3	6	SHR _c

AEC degradation to be considered for the purpose of compensation for coal/lignite fired stations

Sl.No.	Unit loading as a percentage of IC of unit	% degradation in AEC admissible	Case
1	85-100	Nil	AEC
2	75-84.99	0.35	AEC _a
3	65-74.99	0.65	AEC _b
4	55-64.99	1.00	AEC _c

Calculation of Unit Loading

- Unit loading(U_L) = Blockwise Schedule/{No. Of units on Bar x Unit Capacity x (1-Normative AEC)}
- % loading ($\%U_L$)= $U_L \times 100$

Cl.3.(vi): The compensation so computed shall be borne by the entity who has caused the plant to be operated at schedule lower than corresponding to NAPAF upto technical minimum.

- $C_a = (ECR_a^{**} - ECR) \times \text{Net URS}_a$
 - $C_b = (ECR_b^{**} - ECR) \times \text{Net URS}_b$
 - $C_c = (ECR_c^{**} - ECR) \times \text{Net URS}_c$
- if $(SS < \% UL < UG) \ \& \ UG < \text{NAPAF}$ otherwise
zero
- Total Compensation(TC) = $C_a + C_b + C_c$
 - $E_1, E_2, E_3, \dots, E_7$ entitled energy of the beneficiaries.
 - $S_1, S_2, S_3, \dots, S_7$ scheduled energy of the beneficiaries including URS power if scheduled.
- ** ECRs to be submitted by plant**

- Share beneficiary 1:

$$Sh_{1a} = \{(E_{1a} - S_{1a}) \times C_a\} / \sum (E_{ia} - S_{ia})$$

Total Share of Compensation beneficiary 1 :

$$Sh_1 = Sh_{1a} + Sh_{1b} + Sh_{1c}$$

- *Cl. iv) In case of gas based Central Generating Station or inter-State Generating Station, compensation shall be decided based on the characteristic curve provided by the manufacturer and after prudence check of the actual operating parameters of Station Heat Rate, Auxiliary Energy Consumption, etc.*

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Annexure-3.2

Methodology for calculation of share adjustment in case of scheduling of URS power:

CERC order in Petition No. 134/2009 dated. 11.01.2010 unrequisioned quantum of power may be scheduled from one beneficiary(s) to another beneficiary(s) of the same power station on the requisition by these beneficiaries through the provision provided in the IEGC. These schedule revisions would be treated as re-allocation of power.

Day i (peak), Plant 1 :

Name of beneficiary	URS scheduled in Mwh (a)	UR quantum in Mwh (b)	Net URS in Mwh* (c)=(b) -(a)
Ar.Pradesh	AP _a	AP _b	AP _c
Assam	AS _a	AS _b	AS _c
Manipur	MA _a	MA _b	MA _c
Meghalaya	ME _a	ME _b	ME _c
Mizoram	MI _a	MI _b	MI _c
Nagaland	NG _a	NG _b	NG _c
Tripura	TR _a	TR _b	TR _c
Total	URS _{sch}		URS _{net}

* zero value if negative

Revised share allocation Ar.Pradesh=

$$\text{Normal peak share allocation (in \%)} + \frac{\{-AP_c \times 100\}}{\{96 \times DC(\text{day}) \times 0.25\}} - \frac{\{AP_c \times URS_{sch} \times 100\}}{\{URS_{net} \times DC(\text{day}) \times 0.25 \times 96\}}$$

Similarly revised peak & off-peak Share allocation calculated for all the beneficiaries.

Simple average of peak and off-peak share allocation => monthly peak and off-peak share allocation

Weighted average of the monthly peak and off-peak share allocation => final share allocation of a particular beneficiary against a particular power plant.

पूर्वोत्तर क्षेत्र के वित्तीय वर्ष 2016-17 के विचलन बकाया की स्थिति (पिछले साल सहित)
Deviation Outstanding status of NER for FY-2016-17(including Last years O/S)

Annex-7.1

	30/05/2016	29/05/2016	तक	आज की तारीख में/As on 16.06.16			Figs in Lacs
घटक/Constituents	टोटल/TOTAL (Till wk-09 of FY16-17)		टोटल/TOTAL (Disb. Till wk-09)Part		टोटल / TOTAL		O/S PAYABLE >13 WEEKS
	पूल के लिए देय / Payable to Pool	पूल से प्राप्य / Receivable from Pool	भुगतान किया / Paid	प्राप्त / Received	O/S Payable to Pool	O/S Receivable from Pool	
अरुणाचल प्रदेश / Ar. Pradesh	7489.50	320.52	7103.41	271.21	386.09	49.31	0.00
असम / Assam	19313.51	127.26	16154.53	127.26	3158.98	0.00	961.97
मणिपुर / Manipur	1804.00	647.16	1762.81	618.56	41.19	28.60	0.00
मेघालय / Meghalaya	1081.49	1766.78	1081.49	1691.34	0.00	75.44	0.00
मिजोरम / Mizoram	3368.91	74.12	3084.51	69.95	284.40	4.17	50.80
नगालैंड / Nagaland	4107.80	181.87	4094.45	165.38	13.35	16.49	0.00
त्रिपुरा / Tripura	7332.84	312.32	7269.08	302.20	63.76	10.12	0.00
लोकतक / Loktak	54.50	255.19	58.12	255.19	-3.62	0.00	0.00
नीपको / NEEPCo	1045.05	4791.88	1041.02	4679.96	4.03	111.92	0.00
ई आर / ER	15321.05	42179.08	12320.41	39406.36	3000.64	2772.72	
ओटीपीसी/ OTPC	1583.46	4283.76	1570.85	4283.76	12.60	0.00	0.00
एनटीपीसी / NTPC	609.48	1901.60	568.46	1901.60	41.02	0.00	0.00
एन आर / NR	19833.97	15183.81	15018.60	12189.27	4815.38	2994.54	
बि.एन.सि / BNC	0.60	20.56	0.60	16.51	0.00	4.05	0.00
टोटल / TOTAL	82946.17	72045.91	71128.35	65978.53	11817.81	6067.38	
PSDF		10900.26		5134.39		57504.37	

No.3/8/2016-OM
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated 9th May, 2016

To,

1. Principal Secretaries/Secretaries (Power/Energy) of all State Governments/UTs.
2. CMDs/MDs of Discoms of all State Governments/UTs.
3. Secretaries of All State Electricity Regulatory Commissions/JERCs.
4. CMDs of all CPSUs under administrative control of Ministry of Power.

Subject: Sale of Un-Requisitioned Surplus (URS) Power in line with provisions of revised Tariff Policy-reg.

Sir,

I am directed to say that currently the utility continues to pay fixed charges towards the un-requisitioned power and such charges are to be borne by the consumers of that utility. In the revised Tariff Policy notified on 28th January, 2016 circulated to all concerned on 12th February, 2016, provisions for sharing the benefits from sale of such un-requisitioned power has been made which would not only reduce the financial burden on the utilities but also on the consumers of that utility. The relevant provision {Para 6.2 (1)} of Tariff policy are reproduced below :

"Power stations are required to be available and ready to dispatch at all times. Notwithstanding any provision contained in the Power Purchase Agreement (PPA), in order to ensure better utilization of un-requisitioned generating capacity of generating stations, based on regulated tariff under Section 62 of the Electricity Act 2003, the procurer shall communicate, at least twenty four hours before 00.00 hours of the day when the power and quantum thereof is not requisitioned by it enabling the generating stations to sell the same in the market in consonance with laid down policy of Central Government in this regard. The developer and the procurers signing the PPA would share the gains realized from sale, if any, of such un-requisitioned power in market in the ratio of 50:50, if not already provided in the PPA. Such gain will be calculated as the difference between selling price of such power and fuel charge. It should, however, be ensured that such merchant sale does not result in adverse impact on the original beneficiary(ies) including in the form of higher average energy charge vis-à-vis the energy charge payable without the merchant sale. For the projects under section 63 of the Act, the methodology for such sale may be decided by the Appropriate Commission on mutually agreed terms between procurer and generator or unless already specified in the PPA."

2. The above provision of the Policy emphasises that the available power, when it is not availed by the entitled Distribution utility, should be made available in the Power market. The most competitive power shall be procured by other needy Distribution utilities through the market. The original Beneficiary Discom shall also get benefitted through sharing of gains through sale in the market. This shall facilitate most cost effective procurement of power by


State Discoms to cater the day-ahead requirement of power and reduce the overall cost of power purchase by Discoms.

5. In order to implement the above provisions of the policy, certain changes in the existing scheduling and despatch procedure under Indian Electricity Grid Code (IEGC) shall be required, which is being framed by CERC. However to start with, the State Discoms can identify the Generating Stations (which are covered under section 62 of the Electricity Act'03) for un-requisitioned power and communicate accordingly to respective Generating Stations, specifying the quantum of power and duration of non-requisition, at least 24 hrs in advance of the start of scheduling from 00.00 hrs of the day for which power is not required.

6. Further, State Discoms shall also give consent to the respective Generating Stations/ Companies for sale of such URS power in the market through Power Exchange. If such power is offered by the Generating Company(ies) and is sold in the market, then the sharing of gains shall be applicable, as per the provisions of Tariff policy.

7. In view of the above and in order to implement the aforesaid provisions of Tariff Policy it is requested to kindly take necessary action.

Yours faithfully,


(Ghanshyam Prasad)

Director to the Government of India
Tele No. 2371 6674

Copy to :

1. The Chairperson, Central Electricity Authority, Sewa Bhawan, R. K Puram ,New Delhi
2. The Secretary, CERC/FOR, Chanderlok Building, Janpath, New Delhi.
3. Secretaries of All State Electricity Regulatory Commissions/JERCs.

Copy also to : for information

1. PS to MOS(I/C) for Power, Coal & NRE
2. PPS to Secretary, Ministry of Power
3. PPS to AS(BPP), Ministry of Power

Copy also for information to: All JSs / Directors / Deputy Secretaries, Ministry of Power

No.3/8/2016-OM
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated 19th May, 2016

To,

1. Principal Secretaries/Secretaries (Power/Energy) of all State Governments/UTs.
2. CMDs/MDs of Discoms of all State Governments/UTs.

Subject: Sale of Un-Requisitioned Surplus (URS) Power in line with provisions of revised Tariff Policy-reg.

Sir,

This is in continuation to the letter dated 9th May, 2016 on the above mentioned subject regarding implementation of the provisions of tariff policy in respect of un-requisitioned surplus power.

2. Various communication have been received in this Ministry by the States for surrendering their allocated power from Central Generating Stations (CGSs). As on date, around 4,700 MW power has been surrendered by various States to be re-allocated to other beneficiaries. The list of such references has been hosted on the Ministry of Power's website. States have also been requested to give their consent to avail such power so that it can be re-allocated. As on date no such request for re-allocation is pending with this Ministry. Accordingly, this power could not be re-allocated to some other beneficiaries. Hence, the fixed charge liabilities continued to be with the original beneficiaries.

3. The States can consider to use the provision of tariff policy, namely, para 6.2(1) for such cases, so that the States can get some relief from the fixed cost liability.

4. It is requested that the State Government / State Disoms may like to give their consent to the respective generating stations / companies for sale of such URS power in the market through Power Exchange. If such power is offered by the Generating Company(ies) and is sold in the market, then the sharing of gains shall be applicable, as per the provisions of tariff policy.

Yours faithfully,


(Ghanshyam Prasad)

Director to the Government of India
Tele No. 2371 6674

Copy to :

1. The Chairperson, Central Electricity Authority, Sewa Bhawan, R. K Puram, New Delhi
2. The Secretary, CERC/FOR, Chanderlok Building, Janpath, New Delhi.
3. Secretaries of All State Electricity Regulatory Commissions / JERCs.
4. CMDs of all CPSUs under administrative control of Ministry of Power.