



भारत सरकार Government of India

विद्युत मंत्रालय Ministry of Power

उत्तर पूर्वी क्षेत्रीय विद्युत समिति North Eastern Regional Power Committee

मेघालया स्टेट हाउसिंग फिनेंस को-ऑपरेटिव सोसायटी लि. बिल्डिंग

Meghalaya State Housing Finance Co-Operative Society Ltd. Building

नॉग्रिम हिल्स, शिल्लोंग - 793003

Nongrim Hills, Shillong - 793003.



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SPEED POST/FAX

Ph : 0364-2520050

Fax: 0364-2520030

email: nerpc@ymail.com

website: www.nerpc.nic.in

No.: NERPC/COM/CC\_Min/2014/ 689-727

Dated: 16<sup>th</sup> June 2014

To

1. Managing Director, APDCL, Bijuli Bhawan, Guwahati - 781 001
2. Managing Director, APGCL, Bijuli Bhawan, Guwahati - 781 001
3. Managing Director, AEGCL, Bijuli Bhawan, Guwahati - 781 001
4. Director (Generation), Me. PGCL, Lumjingshai, Short Round Road, Shillong - 793 001
5. Director (Dist.), MeECL, Lumjingshai, Short Round Road, Shillong - 793 001
6. Director (Transmission), Me. PTCL, Lumjingshai, Short Round Road, Shillong - 793 001
7. Managing Director, MSPDCL, Electricity Complex, Keishampat, Imphal - 795 001
8. Managing Director, MSPCL, Electricity Complex, Keishampat, Imphal - 795 001
9. Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Aizawl - 796 001
10. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar - 791 111
11. Chief Engineer (EE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar - 791 111
12. Chief Engineer (P&E), Department of Power, Govt. of Nagaland, Kohima - 797 001
13. General Manager, TSECL, Agartala - 799 001
14. General Manager, NERLDC, Dongtiel-Lower Nongrah, Lapalang, Shillong - 793 006
15. ED, NERTS, PGCIL, Dongtiel-Lower Nongrah, Lapalang, Shillong - 793 006
16. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
17. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
18. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
19. RED (East-II), NTPC Limited, ER-II HQ, Plot No. N-17/2, Third Floor, Naya Palli, Bhubaneswar-751012
20. Vice President, PTCIL, 2<sup>nd</sup> Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066
21. AGM (BD), NVVN, Core 5, 3<sup>rd</sup> floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
22. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
23. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066

Sub: Minutes of the 21<sup>st</sup> CC meeting held on 11/06/2014 at Hotel Nandan, Guwahati.

Sir,

Please find enclosed herewith the minutes of 21<sup>st</sup> CC meeting held at Hotel Nandan, Guwahati on 11<sup>th</sup> June, 2014 for your kind information and further necessary action.

Encl.: As above

भवदीय / Yours faithfully,

बी लिंगखोई

(बि. लिंगखोई / B. Lyngkhai)

अधीक्षण अभियंता / Superintending Engineer

प्रचालन / Operation

1. SA to Member(GO&D), CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066
2. Chief General Manager, AEGCL, Bijuli Bhawan, Guwahati - 781001
3. Chief General Manager, APGCL, Bijuli Bhawan, Guwahati - 781001
4. Chief General Manager, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
5. Head of SLDC, MeECL, Lumjingshai, Short Round Road, Shillong - 793 001
6. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar - 791 111
7. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima - 797 001
8. Head of SLDC, Department of Power, Dimapur, Nagaland
9. A.C.E. (Power-I), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
10. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
11. S.E. (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl - 796 001
12. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl - 796 001
13. Head of SLDC, TSECL, Agartala - 799 001
14. Chief Engineer, Loktak HEP, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur - 795 124
15. General Manager, OTPC, Palatana, Kakraban, Gomati District, Tripura - 799 116
16. Dy. General Manager (Comm), OTPC, 6th Floor, A-Wing, IFCI Tower -61, Nehru Place, New Delhi - 110 019.

**North Eastern Regional Power Committee**

**Minutes of the 21<sup>st</sup> Commercial Coordination Committee Meeting**

**Date : 11<sup>th</sup> June 2014**

**Venue: Hotel Nandan, Guwahati**

The 21<sup>st</sup> Commercial Committee meeting of NERPC was held on 11<sup>th</sup> June 2014 at Hotel Nandan, Guwahati. The meeting was hosted by NERPC. The list of participants is given at **Annexure - A.**

Shri B. Lyngkhai, Superintending Engineer (O), NERPC welcomed all delegates of the CC meeting on behalf of NERPC. He briefed the members about the recent changes in power market and how the deviation settlement mechanism effective from 17.02.2014 changed the commercial interest of the constituents of NER. He informed the members that there will be presentations from NERLDC and NERPC; he requested the members to actively participate during the presentations, to clarify any doubts, and to deliberate seriously in the agenda items so that the meeting bears fruitful results for the region. There was self-introduction from all the members.

Superintending Engineer (O) then requested Shri Lalrinsanga, Assistant Secretary, NERPC to take up the agenda items.

Shri Lalrinsanga, Assistant Secretary, NERPC introduced the dignitaries on the dais viz Shri B. Lyngkhai, SE (O), NERPC; Shri S.K.Saha, CGM (F&A), AEGCL; Shri A.Patir, GM, NERTS; Shri L.P.Singh, ED, MSPDCL and Shri R. Sutradhar, DGM (MO), NERLDC.

Then Assistant Secretary, NERPC requested DGM (MO), NERLDC to give a presentation.

DGM (MO), NERLDC accompanied by CM(MO) gave a presentation on:

- 1) Performance analysis of NER utilities during May 2014.
- 2) Old UI outstanding.
- 3) Time mismatch in SEM and remedial measures.
- 4) Improvement in Manipur power management after participation in Electricity Market.

Discussions during presentation: NERLDC highlighted the need of clearing UI outstanding dues expeditiously as payment would have to be released to ER pool and also UI bank account would be closed. Assam (₹ 9.1 Crores), Meghalaya (₹ 2.84 Crores), Mizoram (₹ 8.1 Crores), AP (₹ 17 lacs) and Manipur (₹ 1.52 lacs) were urged to clear the dues at the earliest. Assam, Meghalaya and Manipur agreed to do the needful.

The entry of Manipur in Electricity Market was appreciated by Commercial Committee and it was hoped that same would improve management of drawal by Manipur close to schedule.

Detail of the presentation is enclosed at **Annexure - B.**

Assistant Secretary, NERPC gave a presentation on:

- 1) Scheduling mismatch in REA and deviation settlement account.
- 2) Procedures of preparation of deviation settlement account.
- 3) Existing deviation pool adjustment method.

Discussions during presentation: The utilities appreciated methodology of preparation of deviation account and pool balancing. It was agreed that inter-regional amount could be kept unaltered while pool balancing. However, the matter of keeping capping amount also unaltered was debated and it was decided to check practices of other regions in this regard to take a final view.

Detail of the presentation is enclosed at **Annexure - C.**

Then agenda items were taken up.

**1. Confirmation of the minutes of 20th CC meeting held on 21/06/2013 at Spring Valley Resort, Sonapur, Guwahati.**

Minutes of the 20th CC Meeting held at Spring Valley Resort on the 21st June 2013 were No.: NERPC/COM/CC\_Min/2013/3728-66 dated 3rd July 2013.

***No observation has been received and minutes may be confirmed.***

Deliberations in the Meeting

The minutes were confirmed by the members.

**2. Agenda items from NERPC**

**2.1 Tabulation of revenue earned through regulation of power to beneficiary states of NER:**

As agreed in the 19th CCM and 20th CCM, constituents will submit detail information month-wise beginning from the financial year 2011-12 onwards. The constituents have agreed to submit the information for the financial year 2011-12 & 2012-13 in the next CC Meeting (i.e 21st CCM).

Financial Year : e.g. 2012 - 2013								
Regulating Entity:	Generating station from where regulation is done	Quantum of regulated power (in MWH)	Mode of sale of regulated power (through exchange or through traders or UI etc)	Total revenue earned from sale of regulated power (In Rs.)	Detail of expenditure incurred towards (a) adjustment of energy charges (b) registration fee for exchanges or traders' fee etc (c) Any other incidental expenses with detail  (In Rs.)	Amount of outstanding dues of the Regulated Entity.  (In Rs.)	Amount adjusted against the outstanding dues of the Regulated Entity  (In Rs.)	Remaining amount, if any, to be passed on to the Regulated Entity  (In Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(5)-(6)-(8)
					(a) (b) (c)			

NOTE: If (9) is negative, then it indicates that outstanding due has not been recovered fully.

None of the constituents has submitted the required information till date. POWERGRID, NEEPCO, NHPC and TSECL are requested to submit the details of revenue earned through regulation of power during the financial year 2011-2012, 2012-2013, 2013-2014 & 2014-2015 in the format given above on monthly basis.

***Members may like to deliberate.***

Deliberations in the Meeting

NERTS submitted the required information for the financial year 2011-2012 and the same is enclosed at **Annexure - 2.1(A).**

NEEPCO also submitted the required information for the financial year 2011-2012, 2012-2013 and 2013-2014 and the same are enclosed at **Annexure - 2.1(B).**

NHPC was requested to submit the required information before the next meeting and representative from NHPC agreed.

Sr. Manager, TSECL informed the members that even though regulation of power was done for Mizoram, the detail is not available with them as the regulated power is not sold.

## **2.2 Requisition based scheduling:**

The issue was discussed in earlier OCC and CC meetings. The status of implementation with the problems faced during real time implementation and its commercial impact may be deliberated by the members.

### Deliberations in the Meeting

Requisition based scheduling from hydro Stations was deliberated. NERLDC referred Clause 6.5.12 and 6.5.13 of IEGC which are quoted below:

**Clause 6.5.12 of IEGC :** Run-of-river power station with pondage and storage type power stations are designed to operate during peak hours to meet system peak demand. Maximum capacity of the station declared for the day shall be equal to the installed capacity including overload capability, if any, minus auxiliary consumption, corrected for the reservoir level. The Regional Load Despatch Centers shall ensure that generation schedules of such type of stations are prepared and the stations despatched for optimum utilization of available hydro energy except in the event of specific system requirements/constraints.

**Clause 6.5.13 of IEGC :** The schedule finalized by the concerned load dispatch centre for hydro generating station, shall normally be such that the scheduled energy for a day equals the total energy (ex-bus) expected to be available on that day, as declared by the generating station, based on foreseen/planned water availability/release. It is also expected that the total net energy actually supplied by the generating station on that day would equal the declared total energy, in order that the water release requirement is met."

It was clarified by NERLDC that in case of hydro, water available in the reservoir would have to be optimally utilized and reduced requisition resulting in sub-optimal utilization would not be possible as it would violate IEGC provisions. In case of ROR and spilling reservoir based hydro, water would have to be fully used and scheduling would have to be done accordingly. But in case of no spilling, there can be appropriate water management/planning in OCC as per requirement of beneficiaries which would effectively result in requisition based scheduling. Commercial Committee advised that in such cases when there is no spilling, OCC may plan MU/day for each reservoir hydro for a period till next OCC. This would help beneficiaries to decide their action plan. Based on the broad planning in OCC, RLDC would prepare entitlement/schedule in MW in day ahead basis taking into account demand profile of States/Region.

Regarding sudden change in ROR schedule, it was felt that such variation would have to be absorbed by beneficiaries by regulating own gen and reducing requisition from gas thermal up to technical minimum. It was also felt that continuous trading in PX once implemented would come to the rescue of beneficiaries.

***It was agreed that the matter would be discussed again in the next CCM.***

## **2.3 ULDC Fees and Charges:**

Hon'ble CERC has issued order dated 22.02.2014 in Petition No. 61/TT/2012 for sharing of ULDC Scheme. In the said order, The fees and charges for the States' portion of the Scheme shall be shared by the States in proportion to capital cost incurred for SLDC portion for the respective State. NERTS is requested to clarify the following points:

1) For 4 states without SLDC, how much will be the sharing percentage for the States' portion of the Scheme? or how much was the capital cost incurred for SLDC in the states?

2) How much amount has been recovered against each state of NE region since date of commissioning the scheme? Information may be tabulated for Central and State portion separately.

***Members may like to deliberate.***

Deliberations in the Meeting

Shri A.Patir, GM, NERTS explained to the forum the composition of ULDC Fees and Charges and how the same is being recovered from beneficiaries of NER. The following points were highlighted: -

**Capital Cost:****( ` in lakhs )**

	Central Portion	State Portion	Total
Gross deemed Loan	1213.29	805.56	2018.85
Grant in Aid	10484.82	7039.67	17524.5
<b>Total</b>	<b>11698.12</b>	<b>7845.24</b>	<b>19543.35</b>

**Breakup of State portion as per Auditors certificate: ( ` in lakhs )**

Arunachal Pradesh	240.70
Assam	4051.48
Manipur	411.18
Meghalaya	1163.90
Mizoram	349.95
Nagaland	388.48
Tripura	1209.31
<b>TOTAL</b>	<b>7815.00</b>

**Retained Capital cost after transfer of assets to POSOCO (w.e.f. Oct 2010): ( ` in lakhs )**

	Central Portion	State Portion	Total
Gross deemed Loan	948.65	805.56	1754.21
Grant in Aid	8197.91	7039.67	15237.58
<b>Total</b>	<b>9146.56</b>	<b>7845.24</b>	<b>16991.80</b>

- Recovery of Loan on levelised tariff basis for 15 years ( DOCO Aug 2003).
- Sharing of State portion in ratio of capital cost of respective state.
- Sharing of Central Portion by:
  - o Generating station 45%
  - o Distribution licensees 45%
  - o ISTS licensees 10%

GM-NERTS stated that subsequent to CERC order dated 22.02.2014, POWERGRID has been raising bill as per above formula and credit has been given to the States against bills raised in past period. He also stated that Central portion has been included in PoC from April'14 and only State portion bill is being raised since April'14.

***Members noted the same.***

**3. Agenda items from APDCL****3.1 Re-import of Kurichhu energy by Bhutan from Assam grid and billing thereof:**

A letter no. APDCL/CGM (COM)/NERPC/CC-OCC/PT-2/2011/85 dated 28.05.2014 is received from APDCL as below:

"Kindly refer the discussions in the special meeting dated 09th January 2014 at ERPC Secretariat at Tollygunge, Kolkata on the subject of finalization of Agreement between Power Trading Corporation of India Limited (PTC) and Royal Govt. of Bhutan (RGoB).

You are aware from the outcome of the above meeting dated 09th January' 2014 that the credit adjustment of re-import of Kurichhu energy by Bhutan from Assam grid was not given to Assam in the ER monthly accounting perhaps with effect from the date of implementation of ABT in ER i.e. from April'2003. As a result, APDCL is deprived of credit adjustment from April'2003 to till date nor it even received any UI benefit for the entire period. ERPC however assured to duly compensate Assam from UI pool fund of ER.

Subsequently Assam has raised of a bill ` 1,96,07,889.00 to the ERPC on the basis of monthly average UI tariff based on monthly average frequency for the period from April' 2003 to March' 2014. ERPC requested to get the issue discussed in NERPC forum first and then refer to ERPC forum with observations of NERPC".

***Members may deliberate on the issue and forward the same to ERPC for further necessary actions.***

Deliberations in the Meeting

Members noted that the Kurichhu energy supplied to Bhutan from Assam grid was unaccounted in the monthly accounting of ERPC since April 2003 depriving APDCL the credit adjustment. No adjustment was done in favor of APDCL during the period from April 2003 till March 2014 in the form of UI receivable. Members also agreed that the method adopted by APDCL to raise a bill of ` 1,96,07,889.00 on the basis of monthly average UI tariff based on monthly average frequency for the period from April 2003 to March 2014 is also justified as ERPC assured to duly compensate Assam from UI pool fund of ER.

***The CCM of NERPC forwarded the proposal of APDCL to the CCM of ERPC so that necessary adjustment against the energy supplied to Bhutan by APDCL during the period from April 2003 to March 2014 may be settled at the earliest.***

### **3.2 Outstanding receivables from BSEB:**

During erstwhile EREB regime Assam and Eastern Regional Beneficiary States had been exchanging energy since November 1997 and after that the exchange has been continuing as Assam versus NTPC. During July 1993 to April 1994 there were net export of power from Assam to ER states mainly during high hydro periods. All other ER states except Bihar have already settled their accounts in this regard. Only Bihar (BSEB) is to pay its outstanding liabilities payable to Assam. Though BSEB has been requested from time to time for early liquidation of this outstanding amount but till now no payment is received.

The updated outstanding amount as on 31.03.2012 is as follows:

Principal Amount	:	Rs.1,08,00,603.00
Surcharge updated up to 31.03.2012	:	RS. 4,52,38,081.00
Total Amount	:	Rs. 5,60,38,684.00

After reforms, APDCL is the successor Distribution Licensee of erstwhile ASEB, so all the burden of liabilities comes upon it to settle old as well as current power purchase/ sale outstanding liabilities with all Buyers and Suppliers like NTPC, NEEPCO, NHPC, Powergrid etc. Assam (APDCL) has already initiated arrangements for liquidation of such outstanding to its Suppliers in spite of severe fund crisis.

Bihar (BSEB) is therefore requested to liquidate the outstanding amount so that APDCL gets its due payment and at least pay to its creditors. ***Forum may deliberate and advise Bihar (BSEB) accordingly.***

Deliberations in the Meeting

***Members agreed that the outstanding energy charge should be liquidated by the defaulting constituent. However, since there is no record available in NERPC Secretariat the amount of energy transacted during those period, the CCM of NERPC requests the CCM of ERPC to settle the energy charges as per available records with them.***

#### 4. **Agenda items from NERLDC.**

##### 4.1 ***UI and Deviation outstanding:***

Status of UI and Deviation outstanding as on 26.05.2014 is attached (Annexure - 4.1). From the same it can be seen that all States are defaulters especially in case of Deviation charges. Such payment default is creating serious constraint in timely settlement of pool account.

***All concerned may liquidate outstanding dues at the earliest.***

#### Deliberations in the Meeting

Sl No.	Organisation	status of action taken for liquidation of outstanding
1	APDCL	Assured to pursue the UI and deviation outstanding dues on priority.
2	Manipur	Cleared deviation outstanding, will make rest payment soon.
3	TSECL	Requested NERLDC to communicate officially to higher authorities for clearing the outstanding dues.

All other concerned states were requested to settle their outstanding dues at the earliest.

##### 4.2 ***Non-payment of NERLDC fees and charges bills:***

In Terms of the CERC (fees and charges of RLDC and other related matters) Regulation, 2009 notified by CERC vide dated 18th September' 2009, CERC has approved fees and charges of RLDCs and NLDCs for the control period 2009-14.

After issuance of orders, NERLDC is raising the bills on monthly basis on the 1st working day of every month as per the Fees and Charges Regulation. The status of latest outstanding is as below :

Meghalaya : ` 22.80 lacs

Manipur : ` 20.29 lacs

Mizoram : ` 15.07 lacs

***Defaulting constituents may liquidate outstanding dues at the earliest.***

#### Deliberations in the Meeting

Sl No.	Organisation	status of action taken for liquidation of outstanding
1	Meghalaya	Agreed to take up the issue with higher authorities.
2	Manipur	` 12.3 lacs paid. Assured to pay the rest soon.
3	Mizoram	Not represented.

##### 4.3 ***Outstanding dues for AMC of SCADA-EMS:***

Outstanding dues are as below :

Organisation	Overhead charges	Supplementary FERV	AMC
AEGCL	1935160/-	54946/-	1729610/-
MeECL	2129380/-	53478/-	3370930/-
TSECL	270271/-	52556/-	1683032/-

***AEGCL, MeECL and TSECL may liquidate the outstanding dues at the earliest.***

#### Deliberations in the Meeting

All concerned constituents agreed to clear the outstanding dues at the earliest. AEGCL intimated that payment would be released by July'14.

#### 4.4 **Non-submission of weekly SEM readings by Tinsukia(Assam), Deomali (Ar.Pradesh) & Rengpang (Manipur):**

As per IEGC (effective from 3.5.2010) Sub-clause-22 of Clause-6.4 (demarcation of responsibilities), all concerned utilities in whose premises SEMs are installed shall take weekly meter readings and transmit the same to RLDC by Tuesday noon for timely issuance of UI-account.

Tinsukia, Rengpang and Deomali are the drawal points of Assam, Manipur and Ar.Pradesh respectively. SEMs have been installed at all the drawl points. But weekly SEM readings are not being received from the above locations. In the absence of readings from these locations, NERLDC/NERPC has to use other end readings for energy accounting / computations.

**Assam / Manipur / Ar. Pradesh need to take action.**

#### Deliberations in the Meeting

Sl No.	Organisation	Action to be taken
1	AEGCL	Agreed to look into the problem in Tinsukia S/s.
2	Manipur	Agreed to look into the problem in Rengpang S/s.
3	Ar. Pradesh	Not represented.

The possibility of restoring 132 kV Karong - Kohima was also deliberated as restoration of the line will increase in system reliability. Representative from NERLDC informed that SEMs are installed in both ends of the line and reading from Kohima only is received. Manipur representative informed that Karong is a remote area and sending of SEM reading regularly would be difficult. He agreed to look into the matter.

***It was agreed that PGCIL will check the healthiness of the SEMs installed at both ends for early restoration of the line. The checking would be carried out at the earliest.***

#### 4.5 **Status of Procurement of SEMs / Spare availability:**

After deliberations in the 87th OCC on the issue, NERLDC had worked out the SEM / DCD requirement up to FY 2015-16. Details of SEM requirement (250 SEMs & 40 DCDs/Laptops) was intimated to Powergrid vide letter dated 28.08.13.

***NERTS, POWERGRID may intimate the status. Also the status of currently available spare SEM / DCD may be furnished.***

#### Deliberations in the Meeting

NERTS will submit in writing the status of procurement of SEMs and DCDs along with status of current spares to NERLDC and NERPC. Break-up of ELSTER meters (procurement, installation and spares details) would be furnished in the status report.

#### 4.6 **Meter Time Drift:**

Status of meter time drift have been received from Kopili & Khandong Power House (attached in Annexure - 4.6(A) & Annexure - 4.6(B) respectively). Time drift varying from 4 to 22 minutes observed in case of Kopili and in case of Khandong drift are in the range of 1 to 8 minutes. Such high time drifts are undesirable. All the Constituents were requested several times to regularly check meter time with reference to IST and report to NERLDC. Also they need to give Time Advance / Retard Command to rectify the time drift.

Immediate attention / action from all Constituents are required to arrest the time drift. Weekly time correction activity and Report as per attached format (Annexure - 4.6(C) ) may be initiated at the earliest by all Constituents.



Deliberations in the Meeting

The importance of synchronizing meter time with IST was also highlighted during the presentation of NERLDC. Due to such time drifts of SEMs, constituents may lose financially after implementation of deviation settlement mechanism w.e.f 17.02.2014.

All constituents were requested to furnish the condition of SEMs installed at different sub-stations as per the format at Annexure - 4.6(C) at the earliest so that necessary actions can be initiated. **Members noted and agreed.**

**4.7 Installation of Check Meters in all ISGS of NER / Installation of SEM in both ends of all ISTS:**

In NER there are 38 no. of Main Meters connected on the outgoing feeders of Generating Stations. For each of these 38 Main Meters corresponding Check Meters are to be installed in compliance of clause 7 of "CEA Regulation on Installation & Operation of Meters" which states that Check Meters are to be installed on all outgoing feeders of Generating Stations. Matter was highlighted vide NERLDC letter dated 24.07.2012.

NERTS was also requested to connect meters at both ends of all ISTS which is very much necessary considering error in various meters.

***NERTS may intimate the Status.***

Deliberations in the Meeting

NERTS informed that 6 meters have been installed and the remaining 19 meters will be installed by end of the month.

**4.8 Tabling quarterly figures of UI and Reactive Pool Account in Commercial Committee**

The consolidated quarterly figures was distributed to all the members. Observations, if any may be sent within 15 days to NERLDC. If no observation is received, the accounts as distributed will be taken as final.

**5. Agenda items from TSECL**

**5.1** As on 30/05/14 Mizoram has an outstanding of about Rs. 7.5 crores & above excluding the surcharges as applicable. It is also to state that LC for monthly payment in favor of TSECL has not yet been made operational in spite of repeated persuasion since August 2012. In view of the above, it is to mention that Mizoram is not only losing the rebate but also liable to pay surcharge as applicable from due date followed by power regulation.

***NERPC may kindly intervene.***

Deliberations in the Meeting

Members agreed that the issue may be settled bi-laterally between TSECL and Mizoram as Baramura is a shared project. TSECL was advised to pursue with Govt. of Mizoram.

**5.2** As on date Manipur has an outstanding of about Rs 4 crores approx excluding the surcharges as applicable. Repeated persuasion is being made to clear up the dues for timely payment to TSECL.

In view of the above, it is to mention that Manipur is not only losing the rebate but also liable to pay surcharge as applicable from due date followed by power regulation.

### Deliberations in the Meeting

Members agreed that the issue may be settled bi-laterally between TSECL and Manipur as Baramura is a shared project. TSECL was advised to pursue with Govt. of Manipur.

#### **5.3 Claim of CPSU's with retrospective effect putting huge burden on Beneficiaries:**

It has been observed that CPSUs are regularly raising bills in order to recover past expenses (like add: O&M, Income tax, publication expenses, security expense, maintenance of school expense etc.) against order of appropriate commission/ amended regulation. Some time, it is also found that the dues are more than 8 years old. The beneficiary like Tripura is facing difficulties to clear such kind of old arrears even after meeting monthly regular bills on account of fixed charges & energy charges.

As per mandate and legislation of Electricity Act. 2003, it is not permissible to recover any dues from retrospective effect. The intention of said legislation is not to burden any prospective consumers whereas it is the duty of Generation, Transmission and Distribution Company to submit the tariff petition on regular basis. In case of Tripura, the ARR for past year & current year has already been approved by Regulator and therefore such arrear dues payable from retrospective effect will result in excess of approved ARR and therefore there would be no scope to recover the expenditure from prospective consumer. The above act will not only burden the beneficiary but will led to suffer huge loss in the coming year.

In view of the above, it is now essential to deliberate on the issue and to take suitable action so that burden is less and beneficiary can service their esteemed consumer at reasonable & affordable cost.

### Deliberations in the Meeting

Members agreed to the views and opinion of TSECL. The issue has been highlighted in several occasions including CERC seminar organized in Shillong. NERPC Secretariat even sent correspondence to CERC vide No. NERPC/CC/2013/ dated September 23, 2013 reproduced as below:

Shri Rajiv Bansal  
The Secretary  
Central Electricity Regulatory Commission  
3rd & 4th Floor, Chanderlok Building, 36, Janapath  
New Delhi – 110001  
Email: rajiv.bansal@nic.in

Subject: Payment of arrear Bill in respect of past years, raised by Inter-state Generating Companies (ISGCs) / transmission licensee based on final order issued by Hon'ble Commission – Regarding

Sir,

You are aware that an interactive session of NER stake holders with Hon'ble Member of the Commission was held at Shillong on 14-09-2013. During the interactive session the constituents of the region had raised the issue on above cited subject regarding payment of arrear bills. As advised by the Hon'ble Member of Commission, the submission of NERPC Secretariat, on behalf of the region, is as follows for kind consideration, which is in the interest of the constituents of the region.

1. In the existing tariff for the period 2009-2014, Inter-state Generating Companies / Transmission Utilities are raising the bills to DISCOMS only after final tariff order is approved and issued by Hon'ble Commission. The arrear bills arising due to such increment in the tariff are to be paid in six installments and the new tariff is applicable immediately after issuance of the tariff order.

2. While the Annual Revenue Return (ARR) of DISCOMS are fixed by concerned State Electricity Regulatory Commissions (SERCs) for the financial year, only the final tariffs issued by CERC are considered in the liabilities of the DISCOMS and any provisional tariff issued by CERC is not being entertained by SERCs. This

result in huge jump in tariff of DISCOMS once the final tariffs are issued by Hon'ble Commission. Besides, the arrear bills due to difference in tariffs becomes burdens to the DISCOMS as the ARR for the financial year is already fixed by the concerned Regulatory Commissions and there is no scope of applying the new tariff rates with retrospective effect. In the process ISGCs and Transmission licensees are suffering and the flow of revenue in the power industry of the country is seriously hampered.

3. An example of tariff petition filed by NEEPCO for the tariff period 2009-2014 is given below to be noted: -

TARIFF PERIOD 2009 - 2014				
Serial No.	Name of Project	Date of filing of Tariff Petition	Date of Order of CERC	Arrear amount on account of revised Annual Fixed Charges
1	Kopili HEP (200MW)	20-Nov-2009	30-Sep-2011	324600245.00
2	Khandong HEP (50 MW)	20-Nov-2009	30-Sep-2011	185105548.00
3	Kopili Stage-II HEP (25MW)	20-Nov-2009	23-Jan-2012	16687882.00
4	Doyang HEP (75MW)	19-Feb-2010	24-Dec-2012	1273993049.00
5	Ranganadi HEP (405MW)	20-Nov-2009	10-May-2011	1760553461.00
6	AGBPP (291MW)	20-Nov-2009	6-Sep-2011	1271697145.00
7	AGTPP (84 MW)	20-Nov-2009	11-Mar-2011	527973213.00

A total amount of ` 536 Crores is to be paid in six installments which is a big burden for the DISCOMS as explained in point No. 2 above.

4. Therefore, Hon'ble commission is requested to kindly issue suitable direction to the concerned State Regulatory Commissions that while fixing the ARR of DISCOMS, the provisional tariffs issued by Hon'ble Commission may be included in the liabilities of the DISCOMS until final tariff order is issued. This will help in better and efficient flow of revenue and the DISCOMS will be able to recover the enhanced tariff from the current ARR of the financial year and payment towards arrear bills in respect of past years can be made timely to Inter-state Generating Companies / transmission utilities.

भवदिय / Yours faithfully,

(एस. के. रॉय मोहापात्रा / S. K. Ray Mohapatra)

सदस्य सचिव / Member Secretary (I/C)

***However, no changes are being introduced in the new tariff regulation for the period from 2014-2019. Members agreed that unless petition is filed before Hon'ble Commission or Appellate Tribunal, the forum cannot make any decision outside its jurisdiction.***

**6. Agenda items from NEEPCO.****6.1 Deviation charge settlement mechanism:**

On implementation of CERC (Deviation settlement mechanism and related matters) Regulations, 2014 with effect from 17.02.2014, abnormal increase in deviation charges payable have been observed. On going through the related documents, certain discrepancies/mistakes could be noticed in the "Daily schedule/actual statement" issued by the NERPC along-with weekly deviation accounts. For example, status for 20th, 21st and 23rd of Feb'14 are furnished below:

In MWh

Date	Khandong		Kopili		RHEP	
	Sch. as per NERLDC	Sch. as per Deviation Accounts	Sch. as per NERLDC	Sch. as per Deviation Accounts	Sch. as per NERLDC	Sch. as per Deviation Accounts
20.02.2014	60.00	1063.484	0.00	60.00	1198.25	167.052
21.02.2014	60.00	1067.619	0.00	60.00	1207.40	167.052
22.02.2014	60.00	1067.619	0.00	60.00	1003.68	164.045

In MWh

Date	DHEP		AGBPP		AGTPP	
	Sch. as per NERLDC	Sch. as per Deviation Accounts	Sch. as per NERLDC	Sch. as per Deviation Accounts	Sch. as per NERLDC	Sch. as per Deviation Accounts
20.02.2014	167.05	0.00	5314.03	1802.560	1802.56	1198.248
21.02.2014	167.05	0.00	5377.95	1794.621	1794.62	1207.399
22.02.2014	164.04	0.00	4858.12	1778.760	1778.76	1003.678

As such, it is felt that all the deviation accounts since 17.02.2014 are required to be rechecked/reviewed by the NERPC for all of the related parameters, such as, Schedule energy, actual generation and payable/receivable charges.

Further, it is proposed that in addition to providing of "Deviation charges calculation sheets" for the week for which deviation accounts have already been issued by the NERPC, henceforth all such weekly accounts to be issued be supported by daily calculation sheets.

***The above is for deliberation among the members for immediate action on the same.***

Deliberations in the Meeting

Assistant Secretary, NERPC informed that there was a mistake in the excel link for energy details for the week 17.02.2014 - 23.02.2014 but the receivable and payable amounts were correct. The same has been corrected and mailed to all constituents. Hard copy of the same was given to NEEPCO.

***It was agreed that besides uploading in the website the weekly deviation account in pdf format, all daily calculation and weekly statement in excel sheet may also be uploaded in the website of NERPC. The same may also be mailed to all constituents for further observation. NERPC Secretariat agreed to do the needful at the earliest.***

**6.2 Certification of Open Cycle Generation of AGBPP:**

The CERC vide its order dated 09.09.2013 on petition no. 257/MP/2012 in respect of Energy Charge on account of "Open cycle" operation of Assam Gas Based Power Plant (AGBPP) have directed for calculation of energy charges on open cycle based on the revised REA/certification of NERPC and to bill on the beneficiaries accordingly. As desired, "Open cycle" generation of AGBPP during planned shutdown of steam turbine units of the power station for the period of 01.04.2009 to 31.07.2013 have been forwarded by NEEPCO to the NERPC vide letter dated 10.03.2014.

Keeping into consideration of the aforesaid CERC order and minutes of the 20th C.C. meeting (agenda no. 6.2), it is proposed that:

- NERPC should expedite finalization of the revised "Open cycle generation by AGBPP" for the period of Apr'09 to May'13.
- Issue of "Open cycle generation by AGBPP" for the period of Jun'13 to May'14, which have not been furnished while issuing relevant monthly REA.
- Incorporation of "Open cycle generation by AGBPP" in monthly REA from June'14.

***The above is for deliberation seeking immediate action on the same.***

#### Deliberations in the Meeting

Assistant Secretary, NERPC informed that an official mail was sent to NEEPCO on 12th December 2013 attaching the available outage record of steam turbines for the period from 1.4.2009 to 31.7.2013. There was no response from NEEPCO until NERPC issued the open cycle certificate vide letter no. NERPC/COM/REA\_Corr/2014/3303-11 dated 21st February 2014. The open cycle percentage in the letter was 0 % for the concerned period.

NEEPCO then sent an official letter no. NEEPCO/ED/COMML/T-2/2013-14/1183 dated 10/3/14 claiming open cycle operation as approved in different OCC forums. However, while examining the same, certain open cycle operation as claimed by NEEPCO in the OCC forums are not recorded. The records not available with NERPC are communicated back to NEEPCO vide official mail dated 28th March 2014. Representative from NEEPCO denied receipt of such official mail.

NEEPCO requested to resend the official email for further necessary actions. NERPC Secretariat then forwarded the mail dated 28th March 2014 to 1) barmanpcb@gmail.com and 2) rana\_09@rediffmail.com on 13th June 2014 at 2:50 PM for further necessary actions. ***It was agreed that NEEPCO will communicate back the required information to NERPC Secretariat at the earliest and the open cycle certification for the period from 1.4.2009 to 31.7.2013 will be done within one month from issuance of the minute.***

"Open cycle generation by AGBPP" for the period from 01.08.2013 till current month, which have not been furnished while issuing relevant monthly REAs will be issued separately at the earliest.

Regarding Incorporation of "Open cycle generation by AGBPP" in monthly REA from June'14, NERPC Secretariat assured to look into the issue so that same can be incorporated in monthly REAs.

#### **6.3 Pending Power Purchase Agreement with APDCL:**

The issue of executing fresh Power Purchase Agreements (PPAs) with Assam Power distribution Co. Ltd (APDCL) for all the Power stations in operation was initiated by NEEPCO vide its letter dated 16.08.2004. In response to the APDCL letter no. ASEB/COM/NEEPCO/KHEP/2008/45 dated 19.01.2011, NEEPCO forwarded 07(seven) no. draft PPAs to the APDCL for its 07 (seven) no. Power stations in operation vide letter no. NEEPCO/ED/COMML/R-9/2011-12/3859 dated 01.02.2012. Since then, a series of communications have been made by NEEPCO to the APDCL for execution of the said PPAs. Last letter issued by NEEPCO dated 10.05.2013 followed by numbers of verbal reminders.

Though a very long period have already been elapsed since initiation of the matter relating to execution of fresh PPAs, no positive response/communication has been received by NEEPCO from APDCL till date.

Therefore, as no response has been received from APDCL, the PPA as sent to APDCL is assumed to be agreed PPA.

***Considering urgency of the matter, the same is placed for deliberation seeking necessary direction.***

#### Deliberations in the Meeting

***Representative from APDCL assured that views will be communicated to NEEPCO within one month so that fresh PPAs may be signed.***

**6.4 Submission of payment release intimations by the beneficiaries:**

NEEPCO is receiving payment from the beneficiaries either

- Through the banks by Letter of Credit (LoC)
- Directly through Cheque/RTGS.

However, in many cases no immediate intimation is received by NEEPCO from its beneficiaries regarding the payments released by them & bill references there-of, resulting in difficulty on the part of the generating company for early updating in its accounts for the “Debtors for sale of energy” as well as “Beneficiary-wise outstanding status”. In addition, such details are required for allowing admissible rebate to the beneficiaries.

The matter was discussed in detail during the 16th C.C. meeting (agenda no. 4.4) followed by further discussion during the 19th C.C. meeting (agenda 7.2). But no positive response could be noticed from 03 (three) beneficiaries, namely, APDCL, TSECL and Manipur.

**Considering the importance for immediate intimation on such bill details as highlighted above, the matter is placed for deliberation seeking immediate action on the same.**

Deliberations in the Meeting

**APDCL, TSECL and Manipur agreed to look into the issue immediately so that payment details may be intimated in time for better and more efficient reconciliation of accounts.**

**6.5 Outstanding dues as on 31.05.2014:**

Beneficiary wise outstanding status as on 31.05.2014 is as follows:

*in lakhs*

Beneficiary	Monthly energy bills (incl supp. Bills)	Arrear bills (incl Interest thereon)	Others (Reimbursement bills – NERLDC fees & Charges, CERc Appl. Ffe, MAT etc)	Total dues (excl. “Late payment surcharge”)	“Late payment surcharge” due till 31.03.2014
Ar. Pradesh	557.95	0.00	9.07	567.02	0.00
APDCL	37335.40	0.00	1527.65	38863.05	16680.90
Manipur	1604.64	2291.53	258.75	4154.92	2585.55
MeECL	20485.10	6570.05	371.12	27426.27	7658.37
Mizoram	3273.76	0.00	311.42	3585.18	715.47
Nagaland	660.28	0.00	0.00	660.28	588.84
TSECL	1987.98	2292.78	242.21	4522.97	1096.02
Total	65905.11	11154.36	2720.22	79779.69	29325.15

Out of the above outstanding amount (excl. “Late payment surcharge”), dues more than 60 days old and 90 days old are as follows:

*in lakhs*

Beneficiary	Dues more than 60 days old	Dues more than 90 days old
Ar. Pradesh	5.04	0.00
APDCL	32460.69	32384.41
Manipur	2638.17	2611.92
MeECL	26831.26	26266.63
Mizoram	2554.15	2036.26
Nagaland	143.22	143.22
TSECL	4238.11	4214.59
Total	68870.64	67657.03

The above status clearly indicates that except Ar. Pradesh and Nagaland, all other beneficiaries have failed miserably to clear their dues in time.

Due to enhancement of O&M expenses including fuel cost for the thermal power stations and other related expenses required for Plant maintenance/ operation, NEEPCO is facing acute financial crunch and the same will be deteriorated further unless the outstanding dues are not settled by the beneficiaries in time.

NEEPCO proposes initiation of regulation of power supply to APDCL and TSECL w.e.f 18-06-2014.

***The above is for deliberation among the members and at the same time NEEPCO requests the defaulting beneficiaries to clear their outstanding dues immediately as well as to settle regularly the monthly energy bills and other current bills raised by NEEPCO henceforth.***

#### Deliberations in the Meeting

Sl No.	Organisation	Action to be taken
1	TSECL	Decision pending with higher authorities for payment of outstanding dues. Current status will be intimated to NEEPCO.
2	MeECL	Cleared part of outstanding dues, but some payment mechanism should be adopted to clear current dues in time besides committed payment of outstanding dues.
3	APDCL	Decision pending with higher authorities for payment of outstanding dues. Current status will be intimated to NEEPCO.

## **7. Agenda items from NHPC**

### **7.1 Signing of PPA & BPSA :**

i) Signing of PPA with Arunachal Pradesh in respect of Subansiri Lower HE project (2000 MW) in Arunachal Pradesh:-

Signing of PPA in respect of Subansiri Lower HE Project (2000 MW) in Arunachal Pradesh has been pending since long in spite of regular follow up & no response has been received from their side. So, Deptt. of Power, Govt. of Arunachal Pradesh may be requested to provide consent for signing of PPA.

(ii) Signing of BPSA in respect of Loktak Power Station with APDCL, Assam:-

In the 19th & 20th Commercial Coordination Sub-Committee meeting of NERPC, APDCL, Assam had assured NERPC & NHPC that BPSA in respect of Loktak Power Station will be signed on priority but no significant development took place.

***So, intervention of NERPC is required in this regard.***

#### Deliberations in the Meeting

i) After deliberation, Superintending Engineer (O), NERPC suggested that the agenda will be put up to the next RPC meeting so that proper decision can be made.

i) Representative from APDCL informed that APDCL is in the process of signing the BPSA in respect of Loktak HEP. He assured that APDCL will sign the BPSA as early as possible after getting clearance from accounts division.

## 7.2 Opening/maintaining of Letter of Credit (LC):

Deptt. of Power, Govt. of Arunachal Pradesh: - Deptt. of Power, Govt. of Arunachal Pradesh has processed the case for renewal of Letter of Credit (LC) only for ₹ 33.50 Lacs against requisite amount of ₹ 62 Lacs. The existing LC has already expired on 31.03.2014.

MeECL, Meghalaya: - MeECL has furnished Letter of Credit (LC) only for ₹ 1.32 Crs against requisite amount of ₹ 1.47 Crs in spite of our regular follow up.

Power & Electricity Deptt. Govt. of Mizoram: - Power & Electricity Deptt, Govt. of Mizoram has not furnished Letter of Credit (LC) of requisite amount of ₹ 63 Lacs. The existing LC has already expired on 25.03.2014.

Manipur State Power Distribution Company Limited: - The Letter of Credit provided by Electricity Department, Govt. of Manipur amounting to ₹ 2.96 Crs had been closed w.e.f 31.03.2014 due to restructuring of Electricity Department, Govt. of Manipur. We have requested Manipur State Power Distribution Company Limited for opening of fresh Letter of Credit of requisite amount. But till date, we have not received the same.

***Deptt. of Power, Govt. of Arunachal Pradesh, MeECL, Meghalaya, Power & Electricity Deptt., Govt. of Mizoram and Manipur State Power Distribution Company Limited are requested to furnish the Letter of Credit (LC) of requisite amount incorporating our comments on top priority.***

### Deliberations in the Meeting

Sl No.	Organisation	Action to be taken
1	MSPDCL	Agreement has been signed with SBI, the LC of requisite amount will be issued soon.
2	MeECL	MeECL assured to pursue with higher authorities for opening LC.

***All other beneficiaries are requested to pursue the case on top priority.***

## 7.3 Outstanding dues of NHPC for more than 60 days:

i) APDCL, Assam:- An amount of ₹ 3.08 Crs including surcharge is outstanding for more than 60 days on account of energy supplied from Loktak Power Station. Assam had requested for waiver of surcharge. NHPC has already replied to their letter clarifying that surcharge has been levied as per CERC regulations, BPSA & TPA, hence, cannot be waived off.

The matter of outstanding dues was also discussed in 20th Commercial Co-ordination Sub – committee meeting of NERPC held on 21.06.2013 at Guwahati but Assam had not cleared the dues so far.

***APDCL is requested to clear outstanding dues on top priority.***

(ii) Manipur State Power Distribution Company Limited:- Executive Engineer, Electricity Department, Govt. of Manipur intimated vide letter dated 22.03.2014 that the work of payment of bills for purchase of power will be taken over by Manipur State Power Distribution Company Limited or nominee w.e.f 1st April. 2014.

As on date, an amount of ₹ 1.32 Crs is outstanding for more than 60 days in spite of regular follow up with MSPDCL.

***MSPDCL is requested to clear the outstanding dues on top priority.***

### Deliberations in the Meeting

***All beneficiaries are requested to clear the outstanding dues at the earliest.***



#### 7.4 **Payment of Deviation and Additional Deviation charges:**

As per regulation 10(1) of Central Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) Regulations, 2014 every concerned constituent is required to pay charges for Deviation including Additional Charges for Deviation within 10 days of the issue of statement of Charges by the respective Regional Power Committee. The same is reproduced below:

“The payment of charges for Deviation shall have a high priority and the concerned constituent shall pay the indicated amounts within 10 (ten) days of the issue of statement of Charges for Deviation including Additional Charges for Deviation by the Secretariat of the respective Regional Power Committee into the “Regional Deviation Pool Account Fund” of the concerned region.”

From the above it is evident that payment of Deviation charges including Additional Deviation charges is to be made after clubbing both the charges i.e. net impact of receivable and payable for the particular Power station/Generator/constituents for subjected week.

It is pertinent to mention here that both NRPC and ERPC are accepting the payment of Charges for Deviation including Additional Charges for Deviation if the net amount (after clubbing both the charges) works out to be payable through a single payment entry and similarly they are making payment to NHPC if these charges (after clubbing) works out to be receivable. They are also taking week wise net amount (receivable or payable) on account of these charges in reconciliation statement.

In view of above, the matter may be deliberated regarding receivables and payable in the table ‘B’ of Deviation statement. In table B, net payable to pool account or receivables from pool account after clubbing the receivable and payable for a particular power station/constituents. If any revision is also issued for earlier weeks along with the current deviation statement than over all net impact may be taken into account showing the amount payable or receivable.

**Members may deliberate.**

#### Deliberations in the Meeting

**After detailed discussion, members agreed that the present method of accounting/settlement indicating weekly payables and receivables separately would continue as agreed in the 11th Commercial Committee Meeting of NERPC.**

#### 8. **Agenda items from NERTS/POWERGRID**

##### 8.1 **Outstanding dues:**

The total outstanding of POWERGRID’s NER beneficiaries is as under: -

Total Outstanding of POWERGRID’s NER beneficiaries (including surcharge):

As on: 06/06/2014

in Crores

CONSTITUENTS	Outstanding against Non PoC bills	Outstanding against PoC bills	Outstanding more than 60 days	Total Outstanding (including surcharge)
Ar. Pradesh	-3.20	2.36	0.00	-0.82
ASEB (Assam)	-4.24	17.54	0.00	19.87
MSPDCL (Manipur)	-3.07	4.71	0.00	3.86
MeECL (Meghalaya)	1.47	24.61	17.05	27.05
Mizoram	-1.72	7.35	2.44	5.63
Nagaland	0.08	4.17	0.00	4.25
TSECL (Tripura)	1.08	6.80	0.72	7.92
Generators/NETC	0.83	0.00	0.00	0.83
TOTAL	-8.77	67.54	20.21	68.60

The total outstanding as on 06/06/2014 is ₹ 68.60 Crore. Out of total outstanding, ₹ 20.21 Crore is beyond 60 days. It may be seen that outstanding against MeECL is in much higher side. MeECL is requested to liquidate the outstanding as per liquidation plan forwarded to POWERGRID.

Constituents are requested to clear the outstanding dues in time to avail attractive graded rebate offered by POWERGRID. If the outstanding dues over 60 days are not cleared by the Constituents at the earliest, POWERGRID may not have any other alternative, but to resort regulation as per CERC norms.

#### Deliberations in the Meeting

***Representative from MeECL informed that payment will be made soon. All beneficiaries agreed to clear the outstanding dues at the earliest.***

#### **8.2 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:**

**Cl. No. 3.6 of BCD states that,** The Letter of Credit shall have a term of twelve (12) Months and shall be for an amount equal to one point zero five (1.05) times the average of the First Bill Amount for different months of the Application Period, as computed by the Implementing Agency (IA) for the DIC, where tripartite agreement for securitization on account of arrears against the transmission charges with the Government of India exist.

#### **REQUIREMENT AND STATUS OF LC AS ON DATE (06.06.14) OF NER BENEFICIARIES**

Sl No.	Beneficiary	Average first bill amount for (Apr - Sep13) of application period (₹ in Lakh)	LC required (Avg. first bill amount X MF 1.05) (₹ in Lakh)	LC AVAILABLE (₹ in Lakh)	VALIDITY UPTO	Balance to be enhanced and renewed annually (₹ in Lakh)	Total LC Amount to be renewed including enhanced value (₹ in Lakh)
1	Arunachal Pradesh	236	247.80	252.00	31.03.15		
2	ASEB (Assam)	1516	1591.80	1591.80	26.03.15		
3	Manipur	393	220.50		31.03.14	7.37	220.50
4	MeECL	145	412.65		10.12.10	162.65	412.65
5	Mizoram	177	152.25		04.05.13	19.64	152.25
6	Nagaland	176	185.85	192.15	21.03.15		
7	Tripura	236	184.80	183	14.02.15	1.80	1.80
8	Total		2995.65	2218.95			787.20

Note – 1. LC shall be operated as laid down procedures of CERC order. 2. Tripartite agreement (TPA) for securitization on account of arrears against the transmission charges with the Government of India exists for all the constituents.

The constituents who are yet to renew LC are requested to enhance/renew LC as required to get the benefit of rebate scheme as per CERC norms. And it is taken up regularly with the constituents who yet to renew the LC.

Deliberations in the Meeting

***The concerned constituents were requested to enhance/renew the requisite amount of LC as per CERC regulation.***

**9. Agenda items from OTPC**

**9.1** Whenever Due to Grid Request/problem/line outage we reduce or increase our generation, we give the Actual Generation of particular block as Declare Capacity (DC) but when Grid gives us the SG it was always less than the actual generation.

**9.2** Frequency Correction: As you aware the Gas Turbine O/P Heavily depends upon the Grid Frequency, although we give our DC as per forecast Ambient condition but due to low running frequency it was difficult to maintain SG.

As per New CERC Tariff Notice (56),The frequency correction given by grid starts from frequency < 49.52.

Note:

For the open cycle gas turbine generating station or a combined cycle generating station if the average frequency for any time-block, is below 49.52 Hz but not below 49.02 Hz and the scheduled generation is more than 98.5% of the declared capacity, the scheduled generation shall be deemed to have been reduced to 98.5% of the declared capacity, and if the average frequency for any time-block is below 49.02 Hz and the scheduled generation is more than 96.5% of the declared capacity, the scheduled generation shall be deemed to have been reduced to 96.5% of the declared capacity. In such an event of reduction of scheduled generation of gas turbine generating station, the corresponding drawal schedule of beneficiaries shall be corrected in proportion to their scheduled drawal with adjustment of transmission losses on post facto basis.

***Members may like to deliberate.***

Deliberations in the Meeting

**9.1** ***After deliberation, it was agreed that OTPC may give a presentation in the next OCC Meeting depicting the cases on which such incidences happened.***

**9.1** ***After deliberation, it was agreed that OTPC may file a petition to CERC as the agenda is not in the jurisdiction of the forum.***

**10. Any other item with permission of the Chair**

**10.1 Energy exchanged between APDCL and NERTS:**

Representative from NERTS informed that there are energy exchanges between APDCL and NERTS from Balipara, Bongaigaon, Misa and Silchar sub-stations. In the former 3 sub-stations, the power consumed by NERTS is treated as bulk consumer whereas in Silchar, the power consumed by NERTS is treated as HT consumer and therefore at a much higher rate. He requested APDCL to look into the issue so that same rate may also be applied to energy consumed at Silchar sub-station.

***APDCL agreed to look into the issue and requested NERTS to write a letter to CGM(Comml-T) stating the facts. NERTS should submit the joint meter reading of Silchar sub-station to NERPC Secretariat on monthly basis so that same can be included in the monthly REA from June 2014 onwards.***

**11. The next Commercial Coordination Sub-Committee meeting:**

The 22nd Commercial Coordination Sub-Committee meeting will be held tentatively in the 1<sup>st</sup> week of Sept, 2014. As per roster, Manipur will host the meeting. MSPDCL was requested to take up the matter and confirm. The date and venue of next meeting will be intimated separately.

The meeting ended with thanks to the chair.

**Annexure - A**

List of participants in the 21st Commercial Committee meeting of the NERPC

SN	NAME OF PARTICIPANT	DESIGNATION	e-mail/ Mobile/ Fax
	<b>ARUNACHAL PRADESH</b>	<b>Not represented</b>	
	<b>ASSAM</b>		
1	S.K.Saha	CGM (F&A), AEGCL	09435048640
2	J.K.Baishya	AGM, SLDC	09435041494
3	K.Goswami	AGM(Comml), APDCL	09864020019
4	A.Choudhury	AGM (Comml), APDCL	09854120791
5	Suresh Kaimal	AM (F&A), AEGCL	09435114641
	<b>MANIPUR</b>		
1	L.Priyokumar	ED, MSPDCL	09436033197
2	H.S. Singh	DGM, SSD-I	09436022381
3	S.C.Singh	DGM (Comml)	
4	I.S.Singh	Dy.Manager	09856208473
	<b>MEGHALAYA</b>		
1	A. Kharpan	ACE (Com)	apkharpan@yahoo.co.in 9436177802/0364-2591174
2	F. E. Kharshiing	SE(SLDC)	fredericke@gmail.com 9863066960/0364-2551967
3	R.War	EE (T&T)	09436103088
	<b>MIZORAM</b>	<b>Not represented</b>	
	<b>NAGALAND</b>	<b>Not represented</b>	
	<b>TRIPURA</b>		
1	Ratan Debbarma	DGM	09436130960
2	Debabrata Pal	Sr. Manager	ad_comm@rediffmail.com 9436500244/0381-2325345
	<b>NEEPCO</b>		
1	B.K.Chakraborty	DGM(E)	09436309730
2	Rana Bose	Sr. Manager (Fin.)	rana_09@rediffmail.com 9436632123/ 0364-2225035
3	D.Choudhury	Sr.Manager	09435339747
4	Sundar Moni Mohan	Dy.Manager(E/M)	sundarmoni@neepco.gov.in 09436898604
	<b>NHPC</b>		
1	A.K.Yadav	Sr. Mgr (E)	08527241842
2	R.C.Singh	Mgr (E)	09436894889
	<b>NTPC</b>		
1	G.C.Mohapatra	DGM(Comml)	09437049372
2	I.L.Haokip	Manager(Comml)	09435519705

**Annexure - A**

SN	NAME OF PARTICIPANT	DESIGNATION	e-mail/ Mobile/ Fax
<b>OTPC</b>			
1	Arup Ch.Sarmah	DGM (Comm)	09871839502
2	Narendra Gupta	Manager (O)	nk.gupta@otpcindia.in 09774233426
<b>NERTS (Powergrid)</b>			
1	A. Patir	GM	apatir@gmail.com 9436302529
2	P.Kanungo	DGM (OS)	09436302823
3	P. C. Bhagawati	Chief Mgr	bhagawati1956@gmail.com 9436302809
<b>NERLDC</b>			
1	R. Sutradhar	DGM	rajib_shg@hotmail.com 9436302714
2	S.Shadruddin	CM	09436335380
<b>NERPC</b>			
1	B.Lyngkhai	S.E. (Operation)	b_lyngkhai@yahoo.com +919436163419
2	Lalrinsanga	Asst. Secretary	lhrengsa@yahoo.com +919436161886/0364-2520030
3	S. M. Jha	Ex. Engineer (Operation)	+918731845175

## • 21st. Commercial Committee meeting of NERPC

### Presentation by NERLDC

#### Detailed analysis :

- Deviation by NER utilities – Performance analysis of May'14
- Violation beyond 12% on higher and lower sides during May'14

#### Some more issues:

- Old UI outstanding
- AP : 17.2 lacs
- Assam : 9.1 crores
- Manipur : 43 thousands
- Meghalaya: 2.84 crores
- Mizoram : 8.1 crores

Eastern Region to receive.  
UI Account needs to be closed.

#### Some more issues:

- Time mismatch in Special Energy Meters

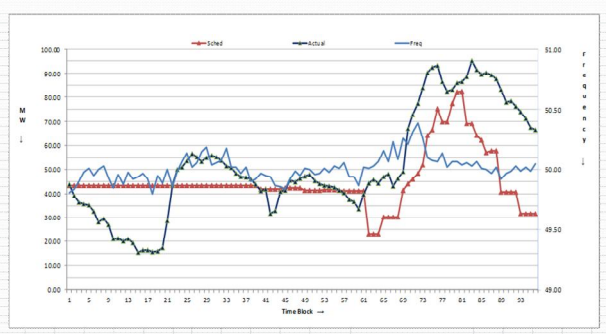
TIME DRIFT REPORT OF SEM					
LOCATION : KOPILI POWER PLANT.			DATE: 31/05/2014		
RESPONSIBILITY : KOPILI, NEEPCO					
SL NO.	METER NO.	STANDARD TIME*	METER TIME	DRIFT- ADVANCE /RETARD (IN MINUTES)	
1	NP-5811-A	13:55	14:13	00:18	Adv
2	NP-5812-A	13:54	14:16	00:22	Adv
3	NP-5801-A	13:54	14:06	00:12	Adv
4	NP-6879-A	13:55	13:51	00:04	Ret
5	NP-5799-A	13:53	14:11	00:18	Adv
6	NP-5802-A	13:56	14:13	00:17	Adv
7	NP-5808-A	13:54	14:16	00:22	Adv
8	NP-5800-A	13:55	14:10	00:15	Adv
9	NP-5798-A	13:56	14:13	00:17	Adv

#### Some more issues:

- Time mismatch in Special Energy Meters
- Need to check meter time at the time of collecting reading and giving time advance/retard command highlighted several times.
- Proposed AMR (Automatic Meter Reading) may provide solution by automating time correction command to meters as and when needed.
- We have to take a decision on AMR quickly.

#### Arresting deviation : Manipur case

Schedule vs. Actual of Manipur on 1<sup>st</sup>. May, 2014



**Annexure - B**

		Net Drawal Schedule at Manipur periphery		11-Jun-14						
TIME		Total		POWER	LTOA	INTER	INTRA	Shared	Net	Net Drawal
From	To	From ISGS		EXCHANGE	ER-ISGS	REGION	REGION	Project	Bilateral	(SEB Periphery)
Hrs	Hrs	40.08	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	19.29
00:00	00:15	41.08	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	20.29
00:15	00:30	42.08	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	21.29
00:30	00:45	43.08	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	22.29
00:45	01:00	44.08	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	23.29
01:00	01:15	45.08	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	24.29
01:15	01:30	46.08	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	25.29
01:30	01:45	43.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	22.53
01:45	02:00	44.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	23.53
02:00	02:15	45.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	24.53
02:15	02:30	46.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	25.53
02:30	02:45	47.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	26.53
02:45	03:00	48.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	27.53
03:00	03:15	49.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	28.53
03:15	03:30	50.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	29.53
03:30	03:45	51.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	30.53
03:45	04:00	52.32	0.00	-29.99	0.00	0.00	0.00	9.20	-29.99	31.53

**Now ; Manipur is active participant in Market**

- **Selling 30 MW in midnight hours wef 10.06.2014 and buying as and when there is a shortage.**
- **Manipur was only State left in the Country not participating in STOA-PX.**
- **Entry in Market is a positive development.**
- **Proper planning and corresponding trading in market will help it to reduce violations.**

## Presentation of NERPC at 21<sup>st</sup> Commercial Committee Meeting

Presented by: -

Lalrinsanga  
AS, NERPC

### Scheduling Issues

- Let us say there is a generating station G1 whose installed capacity is 100 MW and who is having 4 beneficiaries whose allocation percentage are as given below:
- B1 = 30% = 30 MW
- B2 = 30% = 30 MW
- B3 = 20% = 20 MW
- B4 = 20% = 20 MW
- Total = 100 %

### Scheduling Issues - Case II

- Let us assume that the generating station G1 gives a DC of 100 MW and some beneficiaries un-requisitioned their shares as below:-
- Schedule as per REA:
- B1 = 20 MW      B2 = 30 MW      **URS = 20 MW**
- B3 = 10 MW      B4 = 20 MW      Total = 80 MW
- Schedule as per deviation account:
- B1 = 20 MW      B2 = 30 MW
- B3 = 10 MW      B4 = 20 MW      Total = 80 MW
- There is no difference between the two schedules and generator will recover energy charge for 80 MW out of 100 MW DC.

### Scheduling Issues

- There are queries raised by constituents of NER like:
- Why the schedule depicted in REA and the schedule depicted in deviation settlement account do not match?
- Why the schedules depicted in REA are not as per the share allocation for the month? Sometimes scheduled energy are much lesser than the entitlement, Why?

### Scheduling Issues - Case I

- Let us assume that the generating station G1 gives a DC of 100 MW and all the beneficiaries requisitioned as per their shares. Then all the DC may be scheduled as below:-
- Schedule as per REA:
- B1 = 30 MW      B2 = 30 MW
- B3 = 20 MW      B4 = 20 MW      Total = 100 MW
- Schedule as per deviation account:
- B1 = 30 MW      B2 = 30 MW
- B3 = 20 MW      B4 = 20 MW      Total = 100 MW
- There is no difference between the two schedules.

### Scheduling Issues - Case III

- Let us assume that the generating station G1 gives a DC of 100 MW and there is 100 % regulation to some beneficiaries as below:-
- Schedule as per REA:
- B1 = 0 MW      B2 = 30 MW      **Reg. = 30 MW**
- B3 = 20 MW      B4 = 20 MW      Total = 100 MW
- Schedule as per deviation account:
- B1 = 0 MW      B2 = 30 MW
- B3 = 20 MW      B4 = 20 MW      Total = 70 MW
- There is a difference of 30 MW between the two schedules and generator will recover energy charge for 70 MW from beneficiaries and energy charge of 30 MW will be unrecovered.



**Annexure - C**

### Scheduling Issues - Case IV

- Let us assume that the generating station G1 gives a DC of 100 MW and there is 100 % regulation to some beneficiaries and 20 MW is sold in exchange as below:-
- Schedule as per REA:

B1 = 0 MW	B2 = 30 MW	Reg. = 30 MW
B3 = 20 MW	B4 = 20 MW	Total = 100 MW
- Schedule as per deviation account:

B1 = 0 MW	B2 = 30 MW	Exchange = 20 MW
B3 = 20 MW	B4 = 20 MW	Total = 90 MW
- There is a difference of 10 MW between the two schedules and generator will recover energy charge for 70 MW from beneficiaries and energy charge of 20 MW by selling 20 MW in exchange.

### Scheduling Issues - Conclusion

- Schedule depicted in REA is for recovering energy charges from beneficiaries.
- Schedule depicted in Deviation Settlement Account is the net scheduled generation given by NERLDC after considering all commitments.
- Schedule depicted in REA can be less than the allocation depending whether the beneficiary un-requisitioned its share or there is regulation going on against the beneficiary.
- It is not mandatory that the schedules depicted in the two accounts match at all times depending on several cases as explained.

### Deviation Settlement Account

- Frequency correction factor for schedule of gas based power plants are implemented.
- Exchanges over LT feeders between (1) Arunachal Pradesh and Assam, (2) Nagaland and Assam, (3) Powergrid and Assam are adjusted while calculating actual energy consumption for the three states Arunachal Pradesh, Nagaland and Assam.
- Cap rates for APM gas based power plants have been removed w.e.f 01.04.2014.
- Day 4 adjustment for hydro stations are being removed in the amended IEGC 2010.

### Scheduling Issues - Case V

- Let us assume that the generating station G1 gives a DC of 100 MW and there is 100 % regulation to some beneficiaries and 20 MW is sold in exchange and the unit tripped as below:-
- Revised schedule as per REA:

B1 = 0 MW	B2 = 0 MW	Reg. = 0 MW
B3 = 0 MW	B4 = 0 MW	Total = 0 MW
- Revised schedule as per deviation account:

B1 = 0 MW	B2 = 0 MW	Exchange = 20 MW
B3 = 0 MW	B4 = 0 MW	Total = 20 MW
- There is a difference of 20 MW between the two schedules and generator will recover energy charge only by selling 20 MW in exchange, and it will be treated as generator is buying 20 MW from grid through deviation.

### Deviation Settlement Account

- As per the IEGC guidelines, 15 minutes block-wise frequency, declared capacity, actual and schedule are provided by NERLDC to NERPC on weekly basis.
- The data provided are further processed as per the CERC regulation to calculate the deviation settlement account for the concerned week.
- 15 minutes block-wise deviation energy is multiplied with deviation rate to get the deviation charge for that block.

### Pool Adjustment

- It should be ensured that the amount payable to the Deviation Pool should match with the amount receivable from the pool everyday to prevent any mismatch between the two.
- Inter-regional exchanges are settled before pool balancing.
- Initially before 17.02.2014, generating stations are not included in the pool adjustment as there was a 4<sup>th</sup> day schedule adjustment for hydro based power stations and there was a capping for gas based power stations.

**Annexure - C**

### Pool Adjustment

- After the 4<sup>th</sup> day adjustment is removed w.e.f 17.02.2014, hydro based power stations are also included in the deviation pool balancing.
- Similarly, after the capping for gas based power stations are removed w.e.f 01.04.2014, gas based power stations are also included in the deviation pool balancing.
- Capping due to (1) over-injection/ under drawal when frequency is higher than 50.10 Hz (178 paise/kwh) and (2) over-injection/ under drawal more than 12 % of schedule and (3) additional charges specified as per the CERC regulation are excluded from the pool balancing.

### Payable to Pool Adjustment

- Else if (ii) Total Payable to Pool considering only ER and Capping A/c > Total Receivable from Pool considering all pool members.  
Then
- Reduce all other paying constituents to ZERO
- (And correspondingly pay all receiving constituents including payments to ER and Capping A/c as per the receivable amounts).

### Payable to Pool Adjustment

- Else if (iv) Total Payable to Pool considering all pool members > Total Receivable from Pool considering all pool members  
Then
- Reduce the paying constituents pro-rata to meet the receivable from pool.
- (And correspondingly pay all receiving constituents as per the receivable amounts without disturbing the payments to ER and Capping A/c).

### Payable to Pool Adjustment

- The process of pool balancing was discussed in earlier CC and RPC meetings. The present method adopted as per the decisions of such meetings are summarized below: -
- Payable to Pool Adjustment Logic :
- If (i) Total Payable to pool < Total receivable from Pool by only ER and Capping A/c.  
Then
- Increase the paying constituents pro-rata to meet the amount receivable from the Pool:
- (And correspondingly reduce all receiving constituents to ZERO as money is only hiked so as to meet the pool payments to ER and Capping A/c only).

### Payable to Pool Adjustment

- Else if (iii) Total Payable to Pool considering all pool members < Total Receivable from Pool considering all pool members  
Then
- Retain the Payable to Pool amounts for the paying constituents
- (And correspondingly reduce the payments to all receiving constituents accordingly without disturbing the payments to ER and Capping A/c).

### Receivable from Pool Adjustment

- Receivable from Pool Adjustment Logic :
- If (i) Total Payable to pool < Total receivable from Pool by only ER and Capping A/c.  
Then
- Reduce all other receiving constituents to ZERO.
- (And correspondingly increase all the paying constituents pro-rata to meet the pool payments to ER and Capping A/c only).

<b>Annexure - C</b>
---------------------

### Receivable from Pool Adjustment

- Else if (ii) Total Payable to Pool considering only ER and capping > Total Receivable from Pool considering all pool members.

Then

- Hike all receiving constituents pro-rata to balance the Payable to Pool
- (And correspondingly reduce all paying constituents to ZERO without disturbing receivables by ER and Capping A/c).

### Receivable from Pool Adjustment

- Else if (iv) Total Receivable from Pool considering all pool members > Total Payable to Pool considering all pool members

Then

- Reduce the receiving constituents pro-rata to balance the payable constituents.
- (And correspondingly reduce the payments to pool by all paying constituents accordingly without disturbing the payments by ER and capping account).

### Receivable from Pool Adjustment

- Else if (iii) Total Receivable from Pool considering all pool members < Total Payable to Pool considering all pool members

Then

- Retain the receivable from Pool amounts for the receiving constituents
- (And correspondingly reduce the payments to pool by paying constituents accordingly without disturbing the payable to pool by ER and capping A/c).

### Pool Adjustment - Summary

- Pool balancing will be done normally using the lesser of (1) Payable to pool and (2) Receivable from pool.
- Some beneficiaries will gain and some beneficiaries will lose which is unavoidable.
- Not only generators but also beneficiaries lose during pool adjustment.
- The gaining or losing constituent is decided randomly by the pool condition as explained above and NERPC do not have the right to choose which constituent will lose.

## Annexure - 2.1 (A)

Financial Year : 2011 - 2012										
Regulating Entity: Regulated Entity:	Generating station from where regulation is done	Quantum of regulated power (in MWH)	Mode of sale of regulated power (through exchange or through traders or UI etc)	Total revenue earned from sale of regulated power (In Rs.)	Detail of expenditure incurred towards (In Rs.)			Amount of outstanding dues of the Regulated Entity. (In Rs.)	Amount adjusted against the outstanding dues of the Regulated Entity (In Rs.)	Remaining amount, if any, to be passed on to the Regulated Entity (In Rs.)
(1)	(2)	(3)	(4)	(5)	(6)			(7)	(8)	(9)=(5)-(6)-(8)
					(a) adjustment of energy charges	(b) registration fee for exchanges or traders' fee etc	(c) Any other incidental expenses with detail			
Regulating Entity: POWERGRID	Kopili HEP NEEPCO	30 MW (15% of LTA from ER & NER ISGSs)	Through UI	894005.41	127105.73	Nil	Nil	Total :13.31 Crores	721899.67	-
Regulated Entity: MeECL	Kopili HEP NEEPCO		Through UI	5694404.50	603785.04	Nil	Nil	More than 60 days: 3.08 Crores	5090619.46	-

## Annexure - 2.1 (B)

Financial Year : 2011 - 2012										
Regulating Entity:  Regulated Entity:	Generating station from where regulation is done	Quantum of regulated power (in MWH)	Mode of sale of regulated power (through exchange or through traders or UI etc)	Total revenue earned from sale of regulated power (In Rs.)	Detail of expenditure incurred towards (In Rs.)			Amount of outstanding dues of the Regulated Entity. (In Rs.)	Amount adjusted against the outstanding dues of the Regulated Entity (In Rs.)	Remaining amount, if any, to be passed on to the Regulated Entity (In Rs.)
(1)	(2)	(3)	(4)	(5)	(6)			(7)	(8)	(9)=(5)-(6)-(8)
					(a) adjustment of energy charges	(b) registration fee for exchanges or traders' fee etc	(c) Any other incidental expenses with detail			
Regulating Entity: NEEPCO  Regulated Entity: MeECL	Kopili HEP	803.760	Through Exchange	894005.41	65914968.00	330900.00	0.00	1400900782.00	27204039.00	0.00
	AGBPP	26222.510	Through Exchange	71288340.00						
	AGTPP	8368.097	Through Exchange	21159780.00						
	<b>TOTAL</b>	<b>35394.367</b>		<b>93449907.00</b>	<b>65914968.00</b>	<b>330900.00</b>	<b>0.00</b>	<b>1400900782.00</b>	<b>27204039.00</b>	<b>0.00</b>

## Annexure - 2.1 (B)

Financial Year : 2012 - 2013										
Regulating Entity: Regulated Entity:	Generating station from where regulation is done	Quantum of regulated power (in MWH)	Mode of sale of regulated power (through exchange or through traders or UI etc)	Total revenue earned from sale of regulated power (In Rs.)	Detail of expenditure incurred towards (In Rs.)			Amount of outstanding dues of the Regulated Entity. (In Rs.)	Amount adjusted against the outstanding dues of the Regulated Entity (In Rs.)	Remaining amount, if any, to be passed on to the Regulated Entity (In Rs.)
(1)	(2)	(3)	(4)	(5)	(6)			(7)	(8)	(9)=(5)-(6)-(8)
					(a) adjustment of energy charges	(b) registration fee for exchanges or traders' fee etc	(c) Any other incidental expenses with detail			
Regulating Entity: NEEPCO  Regulated Entity: MeECL	Kopili HEP	759.500	Through Exchange	4268014.00	169089347.00	0.00	0.00	2315420377.00	92476532.00	0.00
	AGBPP	61858.714	Through Exchange	166581682.00						
	AGTPP	34676.257	Through Exchange	90716183.00						
	<b>TOTAL</b>	<b>97294.471</b>		<b>261565879.00</b>	<b>169089347.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2315420377.00</b>	<b>92476532.00</b>	<b>0.00</b>

**Annexure - 2.1 (B)**

Financial Year : 2013 - 2014										
Regulating Entity:  Regulated Entity:	Generating station from where regulation is done	Quantum of regulated power (in MWH)	Mode of sale of regulated power (through exchange or through traders or UI etc)	Total revenue earned from sale of regulated power (In Rs.)	Detail of expenditure incurred towards (In Rs.)			Amount of outstanding dues of the Regulated Entity. (In Rs.)	Amount adjusted against the outstanding dues of the Regulated Entity (In Rs.)	Remaining amount, if any, to be passed on to the Regulated Entity (In Rs.)
(1)	(2)	(3)	(4)	(5)	(6)			(7)	(8)	(9)=(5)-(6)-(8)
					(a) adjustment of energy charges	(b) registration fee for exchanges or traders' fee etc	(c) Any other incidental expenses with detail			
Regulating Entity: NEEPCO  Regulated Entity: MeECL	RHEP	56786.969	Through Exchange /STOA	124732800.00	62063545.00	100000.00	842070.00	3023422444.00	83838530.00	0.00
	DHEP	2867.526	Through Exchange	7589921.00	5372383.00	0.00	0.00			
	AGBPP	186505.066	Through Exchange /STOA	383200489.00	343509755.00	0.00	5994920.00			
	AGTPP	68104.906	Through Exchange /STOA	151564624.00	162788681.00	100000.00	2477950.00			
	<b>TOTAL</b>	<b>314264.467</b>		<b>667087834.00</b>	<b>573734364.00</b>	<b>200000.00</b>	<b>9314940.00</b>	<b>3023422444.00</b>	<b>83838530.00</b>	<b>0.00</b>

Annexure - 4.1

**UI Outstanding status of NER**

As on 26/05/2014

	TOTAL (Ull wk-46 of FY13-14)		TOTAL (Disb. Till wk-39)Part		TOTAL	
	Payable to Pool	Receivable from Pool	Paid	Recd	O/S Payable to Pool	O/S Receivable from Pool
Ar. Pradesh	136766033	18043948	135048570	18043949	1719463	0
Assam	380188640	14529350	289103478	11837297	91085162	2692053
Manipur	49752554	41498643	49600000	41388267	152554	110376
Meghalaya	80089680	25449422	51704948	25128470	28384734	320952
Mizoram	80390965	10358988	0	10358987	80390965	1
Nagaland	54723539	4652516	54723540	4652513	-1	3
Tripura	63877791	24888268	63874695	6602338	3096	18285930
Loktak	332218	15034308	332218	13659226	1	1375082
NEEPCo	18971809	39475273	18971783	35727854	27	3747419
ER	212284048	460192409	170288900	336282209	41995149	123910200
OTPC	8125279	360426823	8125279	287562310	0	72864512
<b>TOTAL</b>	<b>1085502559</b>	<b>1014549949</b>	<b>841771408</b>	<b>791243419</b>	<b>243731151</b>	<b>223306530</b>



To  
The DGM, NERLDC  
Attention please : Mr. R. Sutradhar

From: B. K. Chakraborty  
DGM(E) KHEP

**Annexure - 4.6 (A)**

**TIME DRIFT REPORT OF SEM**

**LOCATION : KOPILI POWER PLANT.**

**DATE:31/05/2014**

**RESPONSIBILITY : KOPILI, NEEPCO**

SL NO.	METER NO.	STANDARD TIME*	METER TIME	DRIFT- ADVANCE /RETARD (IN MINUTES)	
1	NP-5811-A	13:55	14:13	00:18	Adv
2	NP-5812-A	13:54	14:16	00:22	Adv
3	NP-5801-A	13:54	14:06	00:12	Adv
4	NP-6879-A	13:55	13:51	00:04	Ret
5	NP-5799-A	13:53	14:11	00:18	Adv
6	NP-5802-A	13:56	14:13	00:17	Adv
7	NP-5808-A	13:54	14:16	00:22	Adv
8	NP-5800-A	13:55	14:10	00:15	Adv
9	NP-5798-A	13:56	14:13	00:17	Adv

Standard time is recorded from Satellite link

The Time Drift of all the SEM meters installed in Kopili Power station (200 MW) is mentioned above. As discussed please take corrective action in revising the UI account (Deviation charge) and replace all the meters. Regarding the Energy meter reading of 5 MVA Transformer, the DCD is not working. Moreover, the Data Collection Cable is not available with NEEPCO. The cable is to be laid from Switch yard to control room for parallel connection of the meter with other meters already installed. Please send some one to solve this issue so that actual corrective action can be taken. It is mentioned here that Shifting of the meter to control room by providing CT/PT cable connection is not possible at this stage. We want help from POWERGRID.

DGM (O&M)  
KHEP  
UMRONGSO

To  
The DGM, NERLDC  
Attention please : Mr. R. Sutradhar

From: B. K. Chakraborty  
DGM(E) KHEP

Annexure - 4.6 (B)

**TIME DRIFT REPORT OF SEM**

**LOCATION : Khandong Plant POWER PLANT.**

**DATE:31/05/2014**

**RESPONSIBILITY : Khandong, NEEPCO**

SL NO.	Location	METER NO.	STANDARD TIME*	METER TIME	DRIFT- ADVANCE /RETARD (IN MINUTES)	
1	Kopili Fdr-II	NP-6882-A	15:17	15:13	00:04	Ret
2	Kht -II	NP-5774-A	15:18	15:17	00:01	Ret
3	Kht-I	NP-5809-A	15:19	15:22	00:03	Adv
4	Khd U#1	NP-5779-A	15:47	15:53	00:06	Adv
5	Khd U#2	NP-6153-A	16:59	17:05	00:06	Adv
6	Kopili Fdr-I	NP-5773-A	15:20	15:26	00:06	Adv
7	16 MVA Tr	NP-5775-A	17:01	17:07	00:07	Adv
8	Hflong Fdr	NP-5780-A	15:21	15:26	00:05	Adv
9	SST-I	NP-5783-A	15:22	15:27	00:05	Adv
10	PS-I(Old)	NP-5781-A	15:23	15:31	00:08	Adv
11	SST-II	NP-5776-A	15:24	15:30	00:06	Adv
12	PS-I(new)	NP-6154-A	15:25	15:31	00:06	Adv
13	Kop Stage-II	NP-5810-A	15:26	15:30	00:04	Adv
14	7.5 MVA Tr	NP-6155-A	Presently not in service			

Standard time is recorded from Satellaite link

The Time Drift of all the SEM meters installed in KhandongPower station  
is mentioned above. As discussed please take corrective action in revising the UI account ( Deviation charge)  
and replace all the meters.

Thanking  
you

DGM (O&M)  
KHEP

To  
The DGM, NERLDC

From:

Annexure - 4.6 (C)

**TIME DRIFT REPORT OF SEM**

**LOCATION :**

**DATE:**

**RESPONSIBILITY :**

SL NO.	Location	METER NO.	STANDARD TIME	METER TIME	DRIFT- ADVANCE /RETARD (IN MINUTES)		Action taken / date
1						Advance / Retard	Advance / Retard /ddmmyy
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							

Standard time is recorded from Satellite link / IST / LOCAL CLOCK

REMARKS

Thanking you

(NAME) / Signature