



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



SO 9001:2008

SPEED POST/FAX

Ph : 0364-2534077

Fax: 0364-2534040

email: nerpc@ymail.com

website: www.nerpc.nic.in

No.: NERPC/COM/CC\_Min/2015/95-134

Dated: 20<sup>th</sup> July 2015

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&E), Department of Power, Govt. of Mizoram, 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, 2<sup>nd</sup> Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066
22. AGM (BD), NVVN, Core 5, 3<sup>rd</sup> floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
23. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
24. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066

Sub: Minutes of the 25<sup>th</sup> CC meeting held on 12/06/2015 at NEHU Campus, Shillong.

Sir,

Please find enclosed herewith the minutes of 25<sup>th</sup> Commercial Committee Meeting held at NEHU Campus, Shillong on 12<sup>th</sup> June 2015 for your kind information and further necessary action.

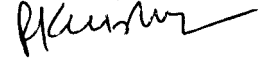
Encl.: As above

भवदीय / Yours faithfully,

(पी. के. मिश्रा / P. K. Mishra)

सदस्य सचिव / Member Secretary

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, 6<sup>th</sup> 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



सदस्य सचिव / Member Secretary

**North Eastern Regional Power Committee**

**Minutes of the 25<sup>th</sup> Commercial Coordination Committee Meeting**

**Date : 12<sup>th</sup> June 2015**

**Venue: NEHU Campus, Shillong.**

**Proceeding of the 25<sup>th</sup> Commercial Committee Meeting**

The 25<sup>th</sup> Commercial Committee meeting of NERPC was held on 12<sup>th</sup> June 2015 at NEHU Campus, Shillong. The meeting was hosted by MePDCL. The list of participants is given at **Annex.- A.**

The meeting commenced with welcome address by Shri Chaiwon Kharkrang, Director (Dist), MePDCL. Shri Kharkrang, on behalf of MePDCL, extended a warm welcome to all the delegates of the 25<sup>th</sup> CCM. He thanked NERPC for giving MePDCL the opportunity to host the 25<sup>th</sup> CCM in Shillong and for conducting such meetings regularly. He stated that presentation and discussion on commercial issues in the meeting would immensely benefit the participants. Shri Kharkrang mentioned that MePDCL has been facing acute financial crisis and added that they are trying their best to resolve the issue of their outstanding dues at the earliest. After this, Shri P. K. Mishra, Member Secretary, NERPC addressed the CC meeting. In his brief speech, Shri P. K. Mishra welcomed the delegates and appreciated their active participation. He impressed upon the members to expedite and to resolve the various commercial issues in the meeting. He stated that all efforts should be made to resolve various outstanding dues bilaterally. He also informed that the issue of settlement of re-import of energy by Bhutan from Assam has been taken up by NERPC with ERPC. He further added that CCM of ERPC has ratified the data submitted by APDCL and endorsed by NERPC and soon ERPC will approve in the ensuing ERPC meeting in June, 2015. Shri Mishra expressed gratitude to MePDCL for hosting and making excellent arrangement for the meeting.

In his vote of thank, Shri F E Kharshiing, SE (SLDC) expressed gratitude to NERPC, NERLDC, CTU and all participating entities for their active participation and making the meeting a success.

There were presentations on commercial issues and discussion by NERLDC on 11<sup>th</sup> June 2015 evening. The presentation is enclosed at **Annex. – B.**

Then, the agenda items were taken up.

**Minutes of the Agenda Items**

**1. Confirmation of the minutes of 24<sup>rd</sup> CC meeting held on 10/03/2015 in Guwahati.**

Minutes of the 24<sup>th</sup> CC Meeting held in Guwahati on the 10<sup>th</sup> March 2015 was circulated vide No.: NERPC/COM/CC\_Min/2015/4888-927 dated 25<sup>th</sup> March 2015 & corrigendum issued vide NERPC/COM/CC\_Min/2015/543-566 dated 29<sup>th</sup> April 2015.

***As no observation has been received from any of the constituents, the minutes of the 24<sup>th</sup> CCM was confirmed.***

## 2. Agenda items from NERPC

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

Concerned utilities are to submit the required information in the format given below.

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.

NHPC is requested to submit the details of revenue earned through regulation of power supply on monthly basis

### Deliberations in the Meeting

NHPC has submitted required information up to May, 2015. The details submitted by NHPC is attached at **Annexure- 2.1**

### 2.2 Contribution to the Board Fund of NERPC:

Board Fund Contribution status/details of constituents (as on 03.06.15) are as given below:

Constituents	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
NTPC	Payment Received	Payment Received	Payment Received	Payment Received
NHPC	Payment Received	Payment Received	Payment Received	Payment Received
PTC	Payment Received	Payment Received	Payment Received	Payment Received
NVVN	Payment Received	Payment Received	<b>Due</b>	<b>Due</b>
OTPC	Payment Received	Payment Received	Payment Received	Payment Received
NEEPCO	Payment Received	Payment Received	Payment Received	Payment Received

PGCIL	Payment Received	Payment Received	Payment Received	Payment Received
Nagaland	Payment Received	Payment Received	Payment Received	Payment Received
MeECL	Payment Received	Payment Received	Payment Received	Payment Received
Mizoram	Payment Received	<b>Due</b>	Payment Received	Payment Received
Ar. Pradesh	Payment Received	Payment Received	Payment Received	Payment Received
TSECL	Payment Received	Payment Received	Payment Received	Payment Received
Manipur / MSPDCL	Payment Received	Payment Received	Payment Received	<b>Due</b>
Assam / APDCL	<b>No Record/Due</b>	<b>No Record/Due</b>	<b>No Record/Due</b>	Payment Received

**No Record** = Payment details not available with NERPC due to non intimation or nonpayment by constituents. Kindly intimate payment details if paid already (format given below), otherwise kindly contribute for the same under intimation to NERPC Secretariat.

Name of Constituents				
F.Y	Amount (in Rs.)	Mode of Payment (Cash/Cheque/DD/NEFT/RTGS etc)	Date	Remarks/Cheque No./DD No./UTR No./other details
2011-12				
2012-13				
2013-14				
2014-15				

### Deliberations in the Meeting

Following is the action taken status/action required:

Sl No.	Constituents	Action taken/required
1	NVVN	No representative. NERPC will write to them once again for payment for FY 2013-14 & 2014-15
2	Mizoram	No representative. NERPC will write to them once again for payment for FY 2012-13
3	Manipur	Manipur intimated that they will pay as soon as possible.
4	Assam	Assam requested NERPC to write to APDCL once again for FY 2011-12, 2012-13 & 2013-14

### **2.3 Colony Consumption by CSGS and Provision of CERC Regulations' 2014 thereon:**

The issue was deliberated in the 24<sup>th</sup> CCM held at Guwahati, where it was agreed that all the concerned constituents (NEEPCO, NHPC, OTPC, NTPC) will submit the schematic diagram for drawing auxiliary and colony consumption separately for each generating station within one month. NERLDC

and NERPC will study the diagrams and necessary actions will be initiated accordingly which may be reviewed in the next CCM.

NERPC has sent letters to the above organizations vide NERPC/COM/Corr/1059-66 dated 29<sup>th</sup> May 2015 requesting them to submit schematic diagram for drawing auxiliary and colony consumption separately for each generating station. Only OTPC has sent the diagram so far.

On further studies by NERPC / NERLDC, the following points were observed: -

- a) Readings from Loktak GT 1 (NP-6952-A) and Loktak Stationery transformer (NP-5317-A) are never received.
- b) While cross checking the gross generation of AGBPP and net generation (ex-bus), mismatch of around 1.5 % to 2 % is observed.

Healthiness of the meters installed at generator terminals and station transformers should be ensured. Signed schematic diagram of CT/PT connected to corresponding SEMs should be submitted.

### **Deliberations in the Meeting**

It was agreed that required information will be submitted by NEEPCO, NHPC and NTPC as indicated below:

NEEPCO: NEEPCO will submit the schematic diagram for drawing auxiliary and colony consumption separately for each generating station by next week.

NHPC: NHPC will submit the required information by next week.

NTPC: NTPC assured that they will furnish required information immediately.

NHPC was advised to send the reading of the meters as mentioned at (a) above.

For item (b) above NERLDC is of the view that there might be PT/CVT problem of GT meter, accordingly NEEPCO was advised to take up the issue of faulty reading as mentioned at (b) above.

## **2.4 *Charging of 33 KV APDCL Line from Khandong HEP to 33/11KV Umrangsu S/S of APDCL:***

The issue was deliberated in the 24<sup>th</sup> CCM held at Guwahati, where it was agreed that Assam, NEEPCO and NERPC will jointly visit the site to find a solution for resolving the issue. Since the joint visit to site could not be made, NERPC Secretariat vide NERPC/COM/Corr/1067-71 dated 29<sup>th</sup> May 2015 requested APDCL, AEGCL, APGCL and NEEPCO to submit the schematic diagrams / single line diagrams to NERLDC/ NERPC for further studies.

### **Deliberations in the Meeting**

The issue was discussed in detail. It was noted that the line has not been charged due to certain technical and safety concerns raised by NEEPCO. NERLDC stated that as far as accounting for the energy exchange is concerned, it is being taken care properly with present metering system installed at the sites.

Finally, It was decided that a committee will be formed comprising of members from NERPC, NERLDC, NEEPCO, APDCL and central/state Inspectorial organization to visit the site and resolve the issue.

## **2.5 Methodology adopted for Reactive Energy Accounting:**

The following methods have been adopted while calculating reactive energy accounts of NERPC:-

1) As per provision of IEGC, state owned lines emanating directly from an ISGS are excluded from the reactive energy accounts.

2) In case of Reactive Energy Drawal / Injection By Beneficiaries to the Pool:

\* Meter installed at last connecting node to ISTS is considered as first preference.

\* Meter installed at generating station is normally not considered unless there is a problem with other end meter.

3) In case of Reactive Energy Drawal / between states:

\* Provision of IEGC is followed.

Members may like to note and deliberate.

### **Deliberations in the Meeting**

The CC members noted the methodology as mentioned above. The end meter considered for calculation of reactive energy is attached at Annexure 2.5.

## **2.6 Inclusion of non-ISTS lines in the Point of Connection tariff:**

The following lines have been agreed by 10<sup>th</sup> RPC meeting to include in the list of RPC certified lines:-

Sl No.	From	To	Voltage (kV)	Length (KM)	Ckts	Total (ckt km)	Ownership
1	Umtru	Sarusajai I & II	132	37	2	74	Assam - Meghalaya
2	Kahelipara	Umtru I & II	132	9	2	18	Assam - Meghalaya
3	Jiribam	Pailapool	132	15	1	15	Assam - Manipur
4	Kohima	Karong	132	50	1	50	Nagaland - Manipur
5	Dimapur	Bokajan	132	26.4	1	26.4	Nagaland - Assam
6	Dullavcherra	Dharmanagar	132	29	1	29	Assam - Tripura
7	Panchgram	Lumshnong	132	23.4	1	23.4	Assam - Meghalaya
8	Mokokchung	Mariani	132	50	1	50	Nagaland - Assam
9	Kathalguri	Deomali	220	19	1	19	Arunachal Pradesh
10	Agia	Sarusajai	220				Assam

As per the Central Electricity Regulatory Commission (Sharing of Inter State Transmission Charges and Losses) (Third Amendment) Regulations, 2015, RPC Secretariat, in consultation with RLDC, using WebNet Software will examine the proposal put up by STU to respective RPC Secretariat. The results of the load flow studies and participation factor indicating flow of Inter State power on these lines shall be used to compute the percentage of usage of these lines as inter State transmission.

### **Deliberations in the Meeting**

The issue of inclusion of non-ISTS lines in the point of connection tariff was deliberated in detail. NERPC informed that any new non-ISTS line can be included for PoC tariff after duly certified by RPC. However, line wise tariff fixed by SERC or CERC for the proposed line should be made available.

Assam & Tripura have got their respective lines' YTC fixed from the appropriate commission.

Members were asked to furnish any additional intra state or interstate lines for inclusion in PoC other than those mentioned above and provide the line wise tariff approved by appropriate Commission. The matter will be put up to RPC for approval and certification after carrying out necessary load flow studies.

### **3. Agenda items from NHPC**

#### **3.1 *Outstanding dues of NHPC for more than 60 days:***

**MeECL, Meghalaya:** - As on date, an amount of ` **20.80 Crs** (Including surcharge of ` **4.65 Crs**) is outstanding for more than 60 days. Meghalaya is not liquidating the outstanding dues even after regulation of power w.e.f 23.01.2014. A MOM was signed between MeECL & NHPC on 07.08.2014 and MeECL made a commitment for liquidation of outstanding dues including surcharge in installments but MeECL did not adhere to its commitment.

Due to this prolong default, NHPC may request to MOP for reallocation of Meghalaya's power.

**MeECL, Meghalaya may be impressed upon to liquidate their outstanding dues.**

### **Deliberations in the Meeting**

MePDCL informed that they will try to liquidate their outstanding dues at the earliest.

#### **3.2 *Signing of PPA & BPSA***

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

Draft PPA have been sent to Assam, Manipur, Meghalaya, Tripura, Arunachal Pradesh & Mizoram on 24.09.2014 for early signing of PPA in respect of Tawang-I & II H.E. Projects, in Arunachal Pradesh. All concerned beneficiaries are requested to give consent for signing of PPA at the earliest.

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

NHPC had requested APDCL vide letter dated 03.11.2014, 01.12.2014 and 26.02.15 for extending the existing BPSA on same terms & conditions up to 31.10.2016 (till validity of tripartite agreement). Vide letter dated 05.05.2015, APDCL had asserted that existing BPSA signed on 10.09.2002 is to expire on 31.03.2016 on the basis of TPA signed at the time of Reforms. APDCL is not in favour of signing the new draft BPSA before expiry of the existing TPA. As such, APDCL may give consent for continuation of existing BPSA on same terms & conditions up to expiry of tripartite agreement i.e. 31.10.2016.

**So, it is again requested that intervention of NERPC is required in this regard for early signing/extension of PPA/BPSA.**

### **Deliberations in the Meeting**

(i) APDCL stated that the PPA in respect of Tawang-I & II HE Project is under the consideration of Govt of Assam. Once approval is given by the government, the PPA will be signed. Tripura stated that they have not received the detailed proposal for PPA from NHPC.

NHPC was advised to approach APDCL & TSECL with detail information (Salient features of the project) including present status of the project, expected COD, project cost, tariff etc.

(ii) APDCL informed that they have extended the existing BPSA on same terms & conditions up to 31.10.2016

### **3.3 Opening/maintaining of Letter of Credit (LC):**

**MePDCL:** - MePDCL, Meghalaya has not provided Letter of Credit (LC) of requisite amount in spite of our regular follow up. As on date, requisite amount of LC is ` **1.42 Crs** based on 105% of average monthly billing of preceding 12 months i.e. January 2014 to December 2014.

**Mizoram:** - Mizoram has not provided Letter of Credit (LC) in spite of our regular follow up. **Previous LC has expired on 24.03.2015.** As on date, requisite amount of LC is ` **57 Lacs** based on 105% of average monthly billing of preceding 12 months i.e. January 2014 to December 2014.

**Arunachal Pradesh:** - Arunachal Pradesh has not provided Letter of Credit (LC) in spite of our regular follow up. **Previous LC has expired on 31.03.2015.** As on date, requisite amount of LC is ` **57 Lacs** based on 105% of average monthly billing of preceding 12 months i.e. January 2014 to December 2014.

**Above beneficiaries may be requested to furnish the Letter of Credit (LC) of requisite amount on top priority.**

### **Deliberations in the Meeting**

MePDCL was requested to open the Letter of Credit (LC) of requisite amount on top priority. Mizoram and Ar. Pradesh were not present and NHPC was advised to pursue with concerned beneficiaries bilaterally.

## **4. Agenda items from APDCL (ASEB)**

### **4.1 Re-import of Kurichhu energy by Bhutan from Assam grid during pre-ABT period.**

Assam has written to NERPC regarding Re import of Kurichhu energy by Bhutan from Assam grid during Pre-ABT period. The letter is reproduced below:

Sir,

This has reference to our earlier correspondences on the subject of re-import of Kurichhu energy by Bhutan. With your full co-operation and guidance the accounting anomaly relating to post ABT period of ERPC with effect from 1<sup>ST</sup> April' 2003 has been identified and actions are also initiated

on the basis of joint discussion with ERPC. However, on internal audit of APDCL it appears that the same accounting anomaly existed during pre-ABT period also. The adjustment system was started from January' 1999. During January'1999 the quantum of re-import of Kurichhu energy exported to Bhutan through Assam grid was adjusted as per agreed guidelines by adding with NTPC import of Assam from ER grid. However, it is observed as per records that the monthly adjustment of Assam export to Bhutan was not taken care of in the monthly energy accounting of EREB/ ERPC.

Therefore, you are now requested to take up the matter with ERPC and arrange a joint reconciliation under your guidance of energy adjustment of Bhutan export by Assam for the pre-ABT period with effect from April' 1999 to March'2003 involving all concerned.

Yours faithfully

S/D – M. K. Adhikary.  
General Manager (Comml-Tariff).

Memo No. APDCL/CGM (COM)/NERPC/CC-OCC/ PT-3/2014/ (A) Dated 02.06.2015.

### **Deliberations in the Meeting**

NERPC informed that necessary action has been taken up for settlement of re-import of energy by Bhutan from Assam from April 2003 to November 2014. The data/calculation furnished by Assam and endorsed by NERPC has been ratified by CCM of ERPC and ERPC will approve in the ensuing ERPC meeting in June, 2015

Member Secretary suggested that settlement of the present case (i.e., from April 2003 onwards) should be given first priority and anomaly during Pre-ABT period (i.e., prior to April 2003) could be taken up later by holding a separate meeting with ERPC.

It was decided that APDCL may raise the issue of reimport of energy by Bhutan from Assam pertaining to Pre-ABT period after settlement of the present case.

## **5. Agenda items from PGCIL**

### **5.1 Outstanding dues:**

The total outstanding of POWERGID's NER beneficiaries is as under-

As on : 01/06/2015

CONSTITUENTS	` in Crores				
	Outstanding against Non PoC bills	Outstanding against PoC bills	Outstanding more than 60 days	Surcharge	Total Outstanding (including surcharge)
Ar. Pradesh	0.33	5.17	0.32	0.00	5.50
ASEB (Assam)	-0.09	0.00	0.00	0.91	0.82
Manipur	-0.16	5.49	0.00	0.00	5.33
MeECL (Meghalaya)	-0.31	14.31	5.60	0.06	14.06

Mizoram	-0.10	1.56	0.00	0.00	1.46
Nagaland	-0.04	0.00	0.00	0.00	-0.04
TSECL (Tripura)	0.01	0.00	0.00	0.00	0.01
<b>TOTAL</b>	<b>-0.37</b>	<b>26.53</b>	<b>5.92</b>	<b>0.97</b>	<b>27.13</b>

The total outstanding as on 01/06/2015 is ` **27.13 Crore**. Out of total outstanding, ` **5.92 Crore** is beyond 60 days. **MeECL has ` 5.60 Crore beyond 60 days. It may be seen that outstanding against MeECL is on much higher side. MeECL is requested to liquidate the outstanding.**

Constituents are requested to clear the outstanding dues in time to avail attractive graded rebate offered by POWERGRID. Considerable amount of surcharge are also due for liquidation as shown above. Constituents are requested to clear the surcharges early. 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 to regulation as per CERC norms.

### **Deliberations in the Meeting**

Concerned constituents were requested to clear their outstanding dues at the earliest.

### **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**

**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.

Sl	Beneficiary	Average first bill amount for (Apr-Dec'14) of application period (` in Lakh)	LC required (Avg. first bill amount X MF 1.05) (` in lakh) TPA exists	LC AVAIL ABLE (` in Lakh)	VALIDITY UPTO	Due date of enhancement and renewal (for one year)	Total LC Amount to be renewed including enhanced value (` in Lakh)		
							Existing	Enhancement	Total
1	Arunachal Pradesh	228.45	1.05	252.00	31.03.15	31.03.15	252.00	0.00	239.87
2	AEGCL (Assam)	1690.08	1.05	1591.80	26.03.16	26.03.16	1591.80	0.00	1774.58
3	Manipur	228.87	1.05	213.13	11.06.15	11.06.15	213.13	27.18	240.31
4	MeECL	402.41	1.05	344.00	10.12.10	10.12.10*	250.00	422.53	422.53
5	Mizoram	161.22	1.05	152.25	04.05.15	04.05.15	152.25	17.03	169.28
6	Nagaland	191.97	1.05	201.57	21.03.16	21.03.16	201.57	0.00	201.57

7	Tripura	328.81	1.05	183.00	14.02.16	14.02.16	183.00	162.25	345.25
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#### REQUIREMENT AND STATUS OF LC AS ON DATE (01.06.15) OF NER BENEFICIARIES

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 exist for all the constituents.

\* MeECL has not renewed LC for last 4 years.

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.

#### **Deliberations in the Meeting**

Tripura intimated that they would enhance/renew in 2016. Concerned constituents were requested to enhance/renew LC as required as per CERC norms.

#### **6. Agenda items from NERLDC.**

##### **6.1 Deviation charges outstanding:**

Status of Deviation charges outstanding as on 28.05.2015 is attached (Annex-6.1). From the same it can be seen that Assam (Rs. 30.4 Crores), Tripura (Rs. 12.5 Crores), Ar. Pradesh (Rs. 11.3 Crores) and Meghalaya (Rs. 8.4 Crores) are major defaulters. Such payment default is creating serious constraint in timely settlement of pool account.

#### **Deliberations in the Meeting**

NERLDC representative stated that payment default against deviation charges is creating constraint in timely settlement of pool account. He further mentioned that huge outstanding of Assam (Rs. 30.4 crores), Tripura (Rs. 12.5 crores) and Ar. Pradesh (Rs. 11.3 Crores) and Meghalaya (Rs. 8.4 Crores) was creating serious problem in pool settlement.

Constituents agreed that they would clear the outstanding dues at the earliest.

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

NERLDC is raising the bills on monthly basis on the 1<sup>st</sup> working day of every month in Terms of the CERC (fees and charges of RLDC and other related matters) Regulation, 2009.

**The status of latest outstanding is as below :**

ENICL : Rs. 1,46,913/- ( 3 months charges due)  
 Ar. Pradesh : Rs. 14,60,067/- ( 2 months charges due)  
 Mizoram : Rs. 14,62,205/- ( 2 months charges due)

Defaulting constituents may liquidate outstanding dues at the earliest.

#### **Deliberations in the Meeting**

Ar. Pradesh, ENICL and Mizoram were reminded to clear outstanding dues at the earliest.

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

Outstanding charges - dues as on 31/05/2015 are as below:

	Overhead charges	AMC
<b>AEGCL</b>	<b>1082895/-</b>	<b>2011077/-</b>
<b>MeECL</b>	<b>128149/-</b>	<b>1601865/-</b>
<b>TSECL</b>	<b>128562/-</b>	<b>1607028/-</b>

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

#### **Deliberations in the Meeting**

Following were decided:

AEGCL will pay as soon as possible.

MeECL will pay by this month.

TSECL will make payment at the earliest.

### **6.4 Non-submission of weekly SEM readings by Mokokchang (Nagaland) and Deomali (AP).**

Long pending issue needs to be addressed by Nagaland and AP.

#### **Deliberations in the Meeting**

Referred to next OCCM.

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

Following are to be done as per earlier decisions -

(i) Urgent procurement of 50 Nos. SEMs and 10 DCDs of L&T make on single tender basis as approved in the 24<sup>th</sup> CCM.

On procurement of these meters, meters should be there at all locations as identified by NERLDC. Further, meters should be replaced in all locations where there are errors.

(ii) Procurement of 250 SEMs and 40 DCDs/LAPTOPS.

NERTS may furnish status of procurement.

#### **Deliberations in the Meeting**

(i) Urgent procurement of 50 Nos. SEMs and 10 DCDs of L&T make on single tender basis as approved in the 24<sup>th</sup> CCM.

NERTS informed that LOA has been placed on 05.06.2015 to M/S L&T for the supply. Inspection Call will be on 05.07.2015 (as per LOA-45 days). Expected Supply by 05.08.2015.

NERTS requested NERLDC to provide in advance list of all places where these 50 meters are to be installed/replaced.

(ii) Procurement of 250 SEMs and 40 DCDs/LAPTOPS.

NERTS representative stated that procurement of 250 SEMs and 40 DCDs/LAPTOPS was being proposed on open tender basis. Any proposed change in mode of tendering may be communicated through NERPC. He further stated that comprehensive AMC through third party for meter (for period of life defined for Meter as per CERC) was also proposed to be included in above tender. For existing meters in NER (for which CTU is responsible for meter maintenance), same will be separately initiated.

He also mentioned that regarding Elster meter, NERLDC may submit a chronological defect list (especially with Elster data handling software) handled by NERLDC. NERTS will list out the same and then will put up for approval as applicable.

He informed that target LOA for procurement is 5 months.

Members expressed the unsatisfactory performance of Elster make meters and highlighted the various problems detected during the past years. It was agreed that Elster should not be included in any future procurement of meters. NERTS was requested to do the needful.

## **6.6 Meter Time Drift:**

High time drifts exist in various locations resulting in erroneous computation and loss spikes. It was proposed that whenever time drift is detected efforts should be made to reset [making the time drift zero] the same immediately and if due to any reason resetting could not be done then wherever time drift is more than 5 minutes the meter may be replaced.

All agencies in whose premises meters are located may give details on action taken so far.

NERTS may give details on action taken so far.

### **Deliberations in the Meeting**

NERTS informed that they have taken up time drift problems in Powergrid substations and bays under their jurisdiction. They have also attended other meters having time drift problems from time to time and intimated to NERLDC. NERTS further stated that meters with time drift (1min per week for L&T meters & 1 year or as required for Elster meters) have been corrected and Meters with drifts beyond correction control have been replaced with new ones.

NERPC suggested that training may be organized by NERTS for all entities so that time drift may be set right by the entities themselves.

It was decided that NERTS will conduct a training program and also make a live demonstration video of short duration for guiding the concerned personnel of all entities.

## **6.7 Collection of weekly SEM data – AMR**

AMR scheme was agreed in principle by Commercial Committee. NERTS had issued draft TS for comments of all constituents. NERLDC furnished the comments.

It is necessary to expedite the AMR project for smooth collection of SEM reading.

Commercial Committee may discuss and decide the action plan for implementation of AMR.

### **Deliberations in the Meeting**

NERTS stated that Technical Specification (TS) has been circulated through NERPC to all utilities and except NERLDC, no observation has been received so far. On finalization of TS by Metering committee, same will be sent for tendering.

NERTS further stated that maintenance of any metering accessories (Converter/DCD/Laptop/Communication and equipment for metering) under AMR installed in a station will be responsibility of owner of station once scope of bidder is over. List/Nos. of Meters and locations has been submitted in presentation given by Powergrid during 6<sup>th</sup> metering meeting.

Further, NERTS requested NERLDC to revise list (if any) keeping in view different interstate lines/generating units/projects which are expected in next 2-3 years so that scope may be comprehensive for NER.

NERTS also informed that target for LOA placement completion after TS & Qty finalization is 4 months.

NERPC stated that Powergrid has been asked to go ahead with implementation of AMR in the 24<sup>th</sup> CCM also. The cost of AMR as submitted by Powergrid is Rs 1.71 Cr (Approx.)

The CC members decided that as no further observation has been raised by CC forum including the approximate cost of the project, Powergrid may take up further necessary action for implementation of the scheme after incorporating observation of NERLDC, if any.

### **6.8 Erroneous SEM reading**

While carrying end1-end2 check, errors have been observed in following cases and needs to be attended/rectified :

1. 132 kV Imphal-Ningthoukong (very low reading at Ningthoukong end)
2. 220 kV Kathalguri-Tinsukia line-2 (Tinsukia end reading half)
3. 132 kV Silchar-Badarpur D/C (Badarpur end reading half)
4. 132 kV Agia-Nangalbibra (Nangalbibra reading half of other end)

The issues need to be addressed urgently.

### **Deliberations in the Meeting**

Status/Action taken is as given below:

1	132 kV Imphal-Ningthoukong (very low reading at Ningthoukong end)	Will be rectified on 12.06.15 at Imphal (PG) end
2	220 kV Kathalguri-Tinsukia line-2 (Tinsukia end reading half)	Will be rectified within 10 days
3	132 kV Silchar-Badarpur D/C (Badarpur end)	Will be attended at Silchar end by 14.06.15

	reading half)	(Badarpur end checked and found OK)
4	132 kV Agia-Nangalbibra (Nangalbibra reading half of other end)	OCC has asked concerned states to depute MRT personnel to jointly check and rectify. Status awaited.

Further, NERTS informed that Drift in Binaguri-4 Feeder at Bongaigaon has been corrected.

#### **6.9 *Tabling quarterly figures of Deviation and Reactive Pool Account in Commercial Committee:***

The figures will be tabled in Commercial Committee meeting.

The quarterly figures 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.

### **7. Agenda items from NEEPCO.**

#### **7.1 *Certification of Open Cycle Generation of AGBPP:***

In compliance to the CERC order dated 09.09.2013 on petition no. 257/MP/2012 as well as decision during the 20<sup>th</sup> and 21<sup>st</sup> C.C. meeting of NERPC, NEEPCO have received "Open cycle certificate" in respect of Assam Gas Based Power Plant (AGBPP) for the period of Apr'09 to Mar'15.

As decided during the 21<sup>st</sup> C.C. meeting, NERPC is requested to arrange for incorporation of "Open cycle generation by AGBPP" in monthly REA with immediate effect. In case there is no such open cycle generation in any particular month, the same may be recorded as "Nil". Non incorporation of Open Cycle Percentage in REA leads to issue supplementary bills which are not desirable.

The above is for deliberation to the NERLDC and NERPC.

### **Deliberations in the Meeting**

It was agreed that NERPC will include open Cycle generation in the monthly REA and in order to issue open cycle certification, NEEPCO was asked to furnish the open cycle generation as approved by OCCM by 1<sup>st</sup> working day of the next month. It was also agreed that NERLDC will send reading of GTs of AGBPP, Kathalguri on monthly basis for calculation of open cycle generation.

#### **7.2 *Huge outstanding dues of MeECL, TSECL and APDCL:***

**Beneficiary outstanding status as on 03.06.2015 are as follows**

**₹ in crore**

Beneficiary	Monthly energy bills (incl. supp. Bills)	Arrear bills (incl. Interest thereon)	Others (Reimbursement bills – NERLDC fees & Charges, CERC Appl. Fee, MAT etc)	Total dues (excl. "Late payment surcharge")	"Late payment surcharge" due till 31.03.2015	Total dues (incl. "Late payment surcharge")
Ar. Pradesh	24.68	0.00	0.27	24.95	0.71	25.66
APDCL	268.96	0.00	3.91	272.87	272.88	545.75

Manipur	18.80	4.35	0.46	23.61	35.06	58.67
MeECL	224.55	62.44	0.76	287.75	141.12	428.87
Mizoram	11.73	0.00	0.96	12.69	17.88	30.57
Nagaland	0.02	0.00	0.03	0.05	0.00	0.05
TSECL	53.62	16.59	0.51	70.72	19.57	90.29
Total	602.36	83.38	6.90	692.64	487.22	1179.86

The above outstanding status shows that there is huge accrual of dues for Meghalaya Energy Corporation Ltd (MeECL), Tripura State Electricity Co. Ltd (TSECL) and Assam power Distribution Co. Ltd (APDCL). Dues outstanding for more than 60 (sixty) for MeECL, TSECL and APDCL as on 03.06.2015 are ₹ 384.75 crore, ₹ 68.51 crore and ₹ 371.58 crore respectively.

NEEPCO is facing acute financial crunch due to enhancement of operational expenses for its generating stations as well as projects under construction. Continuation of delay in settlement of dues by the beneficiaries have definite negative impact on its Plants operating efficiency.

The above is for deliberation to the representatives from MeECL, TSECL and APDCL requesting them to settle their outstanding dues immediately as well as for regular settlement of current dues billed henceforth.

### **Deliberations in the Meeting**

All defaulting constituents were requested to liquidate their outstanding dues at the earliest.

### **7.3 Reconciliation of accounts:**

NEEPCO is sending the quarterly statements on regular basis to all of its beneficiaries furnishing detail of bills as well as the related financial transactions for the period under consideration on account of sale of electricity. But immediate confirmation/communication are not received from beneficiaries, particularly, APDCL, TSECL, MSPDCL and MeECL. Though in absence of any dispute communicated by the beneficiaries, it is presumed that the transaction details sent by NEEPCO have been accepted by them, however, it is suggested that the beneficiaries should either convey their confirmation in writing accepting the reconciliation statements or shall propose for meeting with NEEPCO for further discussion on the same.

The matter was deliberated during the 22<sup>nd</sup> CC meeting, but no further action from MSPDCL, TSECL and APDCL, as decided during the said meeting, on the matter could be noticed.

Since the said reconciliation of accounts between NEEPCO and its beneficiaries are essential for closing of accounts as well as to initiate appropriate action against disputed transactions, if any, it is suggested that the same should be done henceforth on quarterly basis. In addition, an action plan for reconciliation of the old statement till Mar'15 may be decided.

### **Deliberations in the Meeting**

It was decided that all the beneficiaries should reconcile with NEEPCO within the next two months.

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

**AEGCL: Requisition based scheduling:**

AGM, SLDC, AEGCL informed the members that due to sudden in-flow of water in RHEP, 3 units of RHEP started generating which results in sudden increase of drawal schedule to Assam thereby indicating huge under drawal by the state and therefore causing financial loss to the beneficiary state for reasons beyond their control. He requested the forum to decide some mechanism to ensure the interest of all beneficiary states in such situations.

The issue was already deliberated in the 102<sup>nd</sup> & 103<sup>rd</sup> OCC meetings, where it was decided that NEEPCO may come with a proposal to reduce the generations from other generating stations of NEEPCO in case of sudden increase in generation by RHEP. It was learnt that NEEPCO has not made any such proposal. NERPC agreed to take up the issue in next OCCM and the issue may be reviewed in next CC meeting.

Committee noted as above.

**9. The next Commercial Coordination Sub-Committee meeting will be held in the month of Aug/Sept' 2015. The date and venue will be intimated separately.**

It was decided that the next CCM will be held in the month of August 2015 (tentatively) and will be hosted by Mizoram. The date and venue of the 26<sup>th</sup> CCM will be intimated separately.

## List of participants in the 25th 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	M. K. Adhikary	GM	apurbande@gmail.com/09854120791
2	K. Goswami	AGM (Comml), APDCL	Kumud_goswami@rediffmail.com/ 09864020019
3	J. K. Baishya	AGM	jatinbaishya@yahoo.com/09435041494/ 0361-2387929
4	Nilmadhab Deb	AO	nil_aseb@rediffmail.com/09864981473/ 0361-2738543
<b>MANIPUR</b>			
1	L. Haokip	Manager (Comml.)	l.haokip@mspdcl.com/07085053979
2	Th. Satyajeet	Accts. Mgr, MSPDCL	thokcham.satyajeet@mspdcl.com/ 08415945818
<b>MEGHALAYA</b>			
1	Cheiwon Kharkrang	Director (D)	
2	A. Kharpan	ACE (Comml.)	apkharpan@yahoo.co.in/0364-2591174
3	R. Majaw	SE	rolmajaw10@gmail.com/09436110871
4	F. E. Kharshiing	SE	09863066960
	S. S. Kharmih	EE (EM)	synrankharmih@yahoo.com/09436164780
6	B. Wankhar	EE	sldcmktooperation@gmail.com/ 09436105914
<b>MIZORAM</b>			
<b>Not represented</b>			
<b>NAGALAND</b>			
<b>Not represented</b>			
<b>TRIPURA</b>			
1	A. Gan. Choudhuri	DGM (C&T)	arupgan2000@gmail.com/ 09436139311/0381-2325345
2	Debabrata Pal	Sr. Manager (Comml)	d_pal1966@rediffmail.com/ 09436500244/0381-2325345
<b>NEEPCO</b>			
1	Rana Bose	Sr. Manager (Fin.)	rana_09@rediffmail.com/ 09436632123/ 0364-2225035/0364-2225035
2	D. Choudhury	Sr. Manager (E/M)	neepcocommercial@gmail.com/ 09435339747/0364-2225035
<b>NHPC</b>			
1	Prabir K. Panda	Manager (E)	prabirnhpc1972@gmail.com/09910303453
<b>NTPC</b>			
1	G. K. Kundu	AGM (EEMG)	gkkundu@ntpc.co.in/09401826314
2	G. C. Mohapatra	DGM (Comml)	gcmohapatra99@gmail.com/09437049372

SN	NAME OF PARTICIPANT	DESIGNATION	e-mail/ Mobile/ Fax
<b>OTPC</b>			
1	Arup Ch. Sarmah	DGM (Comml)	arupc.sarmah@otpcindia.in/09871839502
2	Amit Dabas	Manager (Comml.)	amit.dabas@otpcindia.in/09810552777
<b>NERTS (Powergrid)</b>			
1	Prakash Jyoti Sharma	DGM (Comml.)	nerts.comml@gmail.com/09435734294
2	Kaustav Jyoti Kalita	Engineer (Comml)	nerts.comml@gmail.com /08812018614
<b>NERLDC</b>			
1	T. S. Singh	GM	
2	R. Sutradhar	DGM (MO)	rajib_shg@hotmail.com/rajib_1965@yahoo.com /9436302714
3	S. Shadruddin	Chief Manager (MO)	shadru786@gmail.com/09436335380
	<b>NETC</b>	<b>Not represented</b>	
<b>NERPC</b>			
1	P. K. Mishra	Member Secretary	Pkmishra.y31@gmail.com/09968380242
2	Lalrinsanga	Ex. Engineer	lhrengsa@yahoo.com /+919436161886 /0364-2520030
3	S. M. Aimol	Ex. Engineer	shialloa@yahoo.com /+918974002106/03642534087
4	Srijit Mukherjee	Asst. Ex. Engineer	08794277306

**Detailed statement of Regulated Sale for the Financial Year 2014-15(w.e.f Feb'2015 to Mar'2015)**

Annex.- 2.1

Regulating Entity - NHPC Ltd.  Regulated Entity- Meghalaya Energy Corporation Ltd.	Generating station from where regulation is done	Quantum of regulated power (in MWH)		Mode of sale of regulated power (through exchange or through traders of UI etc)	Total revenue earned from sale of regulated power (in Crs)	Detail of expenditure incurred towards below mentioned heads (in Crs)					TOTAL EXP. AND ECR	Amount of outstanding dues of the Regulated Entity (in Crs)	Amount adjusted against the outstanding dues of the Regulated Entity (in Crs)	Remaining amount, if any, to be passed on to the Regulated Entity (in Crs)
		Injection at Regional periphery (MWh)	Injection at Interface point (MWh)			IEX Charges	PTC professional charges	Registration fee for exchanges or traders' fee etc	Adjustment of energy charges	Any other incidental expenses with detail				
1	2	3		4	5	6a	6b	6c	6d	6e	6f	7	8	9=5-6f-8
Feb-15		1440.620	1462.090		0.3838	0.0228	0.0065		0.2023		0.2316	16.0600	0.1522	-
Mar-15		1445.880	1468.315		0.3864	0.0230	0.0065		0.2127		0.2423	16.3900	0.1441	
Principal											-			
Interest											-			
LPS											-			
Total		2886.500	2930.405		0.7702	0.0459	0.0130	-	0.4150	-	0.4739		0.2963	-

**Detailed statement of Regulated Sale for the Financial Year 2015-16(w.e.f April'2015 to May'2015)**

Regulating Entity - NHPC Ltd.  Regulated Entity- Meghalaya Energy Corporation Ltd.	Generating station from where regulation is done	Quantum of regulated power (in MWH)		Mode of sale of regulated power (through exchange or through traders of UI etc)	Total revenue earned from sale of regulated power (in Crs)	Detail of expenditure incurred towards below mentioned heads (in Crs)					TOTAL EXP. AND ECR	Amount of outstanding dues of the Regulated Entity (in Crs)	Amount adjusted against the outstanding dues of the Regulated Entity (in Crs)	Remaining amount, if any, to be passed on to the Regulated Entity (in Crs)
		Injection at Regional periphery (MWh)	Injection at Interface point (MWh)			IEX Charges	PTC professional charges	Registration fee for exchanges or traders' fee etc	Adjustment of energy charges	Any other incidental expenses with detail				
1	2	3		4	5	6a	6b	6c	6d	6e	6f	7	8	9=5-6f-8
Apr-15		894.070	908.168		0.2427	0.0147	0.0040		0.1312		0.14996	17.0300	0.09274	
May-15		1169.445	1184.907		0.2880	0.0188	0.0053		0.1712		0.19532	17.4400	0.09268	
Principal											-			
Interest											-			
LPS											-			
Total		2063.515	2093.075		0.5307	0.0335	0.0093	-	0.3025	-	0.34528		0.18542	-

Tel: 0361-2756035

*Ag*

**ANNEX.-2.5**

End Meter used for Calculation of Reactive Energy Drawal/Injection by Beneficiaries to the Pool							
State To		Feeder Name	Feeder End	Meter Code	Meter No.	CT	PT
Arunachal Pradesh:	1	NIRJULI TRF INCOMER-I	NIRJULI TRF (PG)	AR-01	NP-5825-A	100	1200
	2	NIRJULI TRF INCOMER-II	NIRJULI TRF (PG)	AR-02	NP-5824-A	100	1200
	3	132 KV ZIRO - RANGANADI	ZIRO (PG)	AR-06	NP-6878-A	150	1200
	4	NAHARLAGUN FEEDER	NAHARLAGUN	AR-05	NP-8372-A	300	1200
	5	132kV Balipara-Khupi	Balipara	AS-55	NP-5306-A	300	1200
	6	33kV Ranganadi-Pare	Ranganadi	RN-12	NP-7664-A	100	300
Assam:	1	220 KV MARIANI-KATHALGURI	MARIANI (AS)	AS-03	NP-6888-A	800	2000
	2	220 KV MISA - MARIANI	MISA (PG)	AS-37	NP-8605-A	800	2000
	3	132 KV BADARPUR - PANCHGRAM	Badarpur (PG)	AS-22	NP-6871-A	600	1200
	4	132 KV JIRIBAM - PAILAPOOL	JIRIBAM (PG)	MN-06	NP-8499-A	400	1200
	5	HALFLONG CONSUMPTION	HALFLONG (AS)	AS-11	NP-8494-A	50	1200
	6	132 KV NIRJULI - GOHPUR	NIRJULI (PG)	AR-04	NP-5771-A	300	1200
	7	UMRANGSOO CONSUMPTION (33KV)	KHANDONG (AS)	AS-14	NP-5781-A	200	300
	8	220 KV SALAKATI - BTPS- 2	SALAKATI (PG)	AS-31	NP-5297-A	800	2000
	9	220 KV SALAKATI - BTPS- 1	SALAKATI (PG)	AS-30	NP-5314-A	800	2000
	10	220 KV MISA end of SAMAGURI- 1	MISA (PG)	AS-38	NP-8634-A	500	2000
	11	220 KV MISA end of SAMAGURI- 2	MISA (PG)	AS-39	NP-8637-A	500	2000
	12	220 KV BALIPARA - SAMAGURI - 1	BALIPARA (PG)	AS-42	NP-5307-A	800	2000
	13	132 KV BALIPARA - GOHPUR	BALIPARA (PG)	AS-57	NP-6150-A	400	1200
	14	132 KV BALIPARA - DEPOTA	BALIPARA (PG)	AS-56	NP-6149-A	400	1200
	15	132 KV DIMAPUR (PG) - BOKAJAN	DIMAPUR (PG)	NG-08	NP-5287-A	300	1200
Manipur:	1	132 KV IMPH (PG) - YUREMBAM FDR	IMPHAL(PG)	MN-05	NP-8378-A	600	1200
	2	JIRIBAM (132/33 KV TRF)CONSUMPTION	JIRIBAM (PG)	MN-04	NP-8501-A	50	1200
	3	132 KV Imphal-Ningthoukhong	IMPHAL (PG)	MN-10	NP-8576-A	300	1200
	4	132 KV Jiribam(PG)-Jiribam	Jiribam(PG)	MN-12	NP-8500-A	300	1200
	5	132 KV Imphal (PG) - Imphal-II	IMPHAL (PG)	MN-16	NP-8670-A	300	1200
Meghalaya:	1	132 KV KHLT( PG ) - KHLT - 1	KHLT (PG)	ME-06	NP-6881-A	300	1200
	2	132 KV KHLT( PG ) - KHLT - 2	KHLT (PG)	ME-09	NP-6880-A	600	1200
	3	220 KV MISA - BYRNIHAT -I	MISA (PG)	AS-70	NP-5280-A	800	2000
	4	220 KV MISA - BYRNIHAT -2	MISA (PG)	AS-72	NP-5281-A	800	2000
	5	400 KV SILCHAR - BYRNIHAT	BYRNIHAT (MEG)	ME-15	NP-8371-A	1000	3636.36
	6	400 KV BONGAIGAON - BYRNIHAT	BYRNIHAT (MEG)	ME-14	NP-8370-A	1000	3636.36
Mizoram:	1	132 KV Aizawl - Zemabawk - I	Aizawl (PG)	MZ-01	NP-8485-A	300	1200
	2	132 KV Aizawl - Zemabawk - II	Aizawl (PG))	MZ-02	NP-8504-A	300	1200
	3	132 KV Badarpur - Kolasib	Badarpur (PG)	AS-23	NP-6873-A	600	1200
Nagaland:	1	132 KV DIMAPUR (PG) - DIMAPUR	DIMAPUR(PG)	NG-01	NP-8385-A	300	1200
Tripura:	1	132 KV AGARTALA - RCN - 1	AGARTALA (TR)	TR-01	NP-6850-A	400	1200
	2	132 KV AGARTALA - RCN - II	AGARTALA (TR)	TR-02	NP-6851-A	400	1200
	3	132 KV KUMARGHAT - P'KANCHANBARI	KUMARGHAT (PG)	TR-04	NP-6860-A	600	1200
	4	132kV SURJAMANI NGR - PALATANA	SURJAMANI NGR	TR-13	NP-8471-A	300	1200

### End Meter used for Calculation of Reactive Energy Drawal/Injection Between States

Connected State		Meter End		Meter No.	CT	PT
<b>ASSAM-AP</b>						
<b>ASSAM-MeECL</b>	132 KV KAHELIPARA-UMTRU-I	KAHELIPARA (AS) UMTRU (MEG)	AS-01 ME-03	NP-8490-A NP-8474-A	400 400	1200 1200
	132 KV KAHELIPARA-UMTRU-II	KAHELIPARA (AS) UMTRU (MEG)	AS-02 ME-04	NP-8488-A NP-8475-A	400 400	1200 1200
	132 kv PANCHGRAM - LUMSHNONG	PANCHGRAM (AS) LUMSHNONG (MEG)	AS-06 ME-01	NP-6876-A NP-6924-A	400 400	1200 1200
	SARUSAJAI - UMIUM STAGE-4 FDR-I	SARUSAJAI (AS) UMIUM STAGE-4 (MEG)	AS-09 ME-07	NP-8489-A NP-8473-A	400 400	1200 1200
	SARUSAJAI - UMIUM STAGE-4 FDR-II	SARUSAJAI (AS) UMIUM STAGE-4 (MEG)	AS-50 ME-05	NP-8492-A NP-8491-A	400 400	1200 1200
	132kV AGIA - NANGALBIBRA	AGIA (AS) NANGALBIBRA (MEG)	AS-86 ME-16	NP-8484-A NP-8487-A	400 400	1200 1200
<b>ASSAM-NAGALAND</b>	132 KV MARIANI - CHANKI	MARIANI (AS) CHANKI (NG)	AS-47 NA	NP-6893-B	40	300
<b>ASSAM-TSECL</b>	132 KV DULLAVCHERRA - D'NAGAR	DULLAVCHERRA (AS)	AS-08	NP-6946-A	400	1200
		D'NAGAR (TR)	TR-06	NP-6892-B	80	1200
<b>MANIPUR-NAGALAND</b>	132 KV KARONG- KOHIMA FDR	KARONG (MAN)	MN-03	NP-6949-A	400	1200
		KOHIMA (NG)	NG-02	NP-6867-A	250	1200

**पूर्वोत्तर क्षेत्र के वित्तीय वर्ष 2015-16 के विचलन बकाया की स्थिति (पिछले साल सहित)**  
**Deviation Outstanding status of NER for FY-2015-16(including Last years O/S)**

घटक/Constituents	UPTO 18.05.15-24.05.15		As on 12/06/2015			
	टोटल/TOTAL (till wk-8 of FY15-16)		टोटल/TOTAL (Disb. Till wk-7)Part		टोटल / TOTAL	
	पूल के लिए देय / Payable to Pool	पूल से प्राप्त / Receivable from Pool	भुगतान किया / Paid	प्राप्त / Recived	O/S Payable to Pool	O/S Receivable from Pool
अरुणाचल प्रदेश / Ar. Pradesh	520032301	3506344	455781039	3506426	64251262	-82
असम / Assam	1138088822	7812853	811630006	7812903	326458816	-50
मणिपुर / Manipur	111111171	25922977	32628001	24836684	78483170	1086293
मेघालय / Meghalaya	102366389	37928876	19594841	29828661	82771549	8100216
मिजोरम / Mizoram	198135001	0	182624938	591524	15510063	-591524
नगालैंड / Nagaland	253474840	7416041	220358582	7416190	33116258	-149
त्रिपुरा / Tripura	424759444	458434	310141732	458438	114617712	-4
लोकतक / Loktak	4713133	12749106	4744841	12607273	-31706	141833
नीपको / NEEPCo	82709848	151230238	82709864	142221598	-16	9008640
ई आर / ER	269073308	1633283627	266706829	1555772281	2366480	77511346
ओटीपीसी/ OTPC(with u-2)	93337088	424561744	93337086	476591401	3	-52029657
एनटीपीसी / NTPC	8210902	0	8210901	0	2	0
Addl. To PSDF				226825281		
<b>टोटल / TOTAL</b>	<b>3206012247</b>	<b>2304870240</b>	<b>2488468659</b>	<b>2488468659</b>	<b>717543590</b>	<b>43226862</b>