

NORTH EASTERN REGIONAL POWER COMMITTEE
SHILLONG

Agenda for 22nd Commercial Committee Meeting

Date & Time : 12th September 2014 at 10:00 Hrs

Venue : Imphal

1. Confirmation of the minutes of 21st CC meeting held on 11/06/2014 at Hotel Nandan, Guwahati.

Minutes of the 21st CC Meeting held at Hotel Nandan, Guwahati on the 11th June 2014 were circulated vide No.: NERPC/COM/CC_Min/2014/689-727 dated 16th June 2014.

No observation has been received and minutes may be 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.

NEEPCO has submitted required information up to FY 2013-14. NERTS has submitted for FY 2011-12. NHPC is yet to submit and they have agreed to submit the required information before 22nd CCM.

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.

POWERGRID, NEEPCO, NHPC and TSECL are requested to submit the details of revenue earned, if any through regulation of power beginning from the financial year 2011-2012 up to 2014-2015 (till date) on monthly basis.

2.2 Requisition based scheduling:

The issue was discussed in earlier OCC and CC meetings. In the 21st CC meeting, the requisition of Hydro generating stations was specifically discussed. Referring to Clause 6.5.12 of IEGC & 6.5.13 of IEGC NERLDC clarified 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 generation 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.

The status of implementation with the problems faced during real time implementation and its commercial impact may be deliberated further by the members.

3. Agenda items from APDCL (ASEB)

3.1 Energy supply to Arunachal and Nagaland through 33 KV/ 11 KV network of Assam (APDCL):

Arunachal and Nagaland has been drawing their central sector energy share through 33 KV/ 11 KV network of Assam since pre UCPTT period. With the implementation of Regional Energy Accounting the status quo was maintained with the condition that the importing states would develop their intra state distribution network on priority basis. Accordingly Nagaland has developed considerable amount of its distribution net work, but Arunachal Pradesh seems do nothing in this regard. Now with the implementation of Point of Connection (PoC) system of transmission charges, continuation of existing supply mechanism is commercially not possible for APDCL. The only solution for continuation of existing system is that such transaction should be bilateral on Inter State transaction basis.

APDCL therefore is putting Agenda in this respect in CC Meetings since long back asking Nagaland and Arunachal either to agree for bilateral arrangement of purchase from time to time on the basis of regulatory norms or stop drawl of such energy under the existing arrangement.

Arunachal and Nagaland are requested through this forum to submit their opinion.

3.2 Anomalies of Inter State Meter Reading of 11 KV Bordumsa- Ketetong Feeder and billing thereof.

In pursuance of earlier NERPC meetings APDCL submitted an agenda item on anomalies in the meter readings submitted to NERLDC against 11 KV Bordumsa- Ketetong Feeder for the period from August' 2008 to July' 2010 due to consideration of wrong MF. The matter was put up in the 10TH NERPC meeting and the said meeting advised to both Assam and Arunachal Pradesh (AP) to settle the issue bilaterally. Accordingly AP has accepted the difference of readings vide its Letter No. 2024-26 dated 25.08.2011. The difference of meter reading under-recorded during the period was 5, 97,180 KWH. The 19TH CC Meeting decided that billing for the period be settled at average monthly UI rates instead of revision REAs for the entire period and accordingly in 20TH CC Meeting, NERPC intimated the monthly UI rates to be billed to AP. Thereafter APDCL raised a bill of Rs 27, 69,714.00 to AP on 29.11.2013 for the above period as per the rates fixed by

NERPC Secretariat. AP has not yet released the payment to APDCL. The forum may kindly direct AP to release payment to avert disconnection of supply.

3.3 Anomalies of Inter State Meter Reading of 11 KV Rowing (Santipur) Feeder.

Similar anomalies of meter reading occurred in the supply point to Arunachal Pradesh through 11 KV Santipur Feeder due to malfunctioning of energy meter for the period from April' 2009 to July' 2011. The meter was replaced with a new one by APDCL in July' 2011. After replacement of the meter the monthly consumption pattern of the feeder are as follows:

August' 2011	340400 Kwh
September' 2011	178140 Kwh
October' 2011	178610 Kwh
November' 2011	186360 Kwh
December' 2011	187770 Kwh
January' 2012	199200 Kwh

The matter was informed to the Chief Engineer (Power), AP with copy to the MS, NERPC and also to the GM, NERLDC vide this office Letter No. 31 dated 06.05.2013 for information and necessary action. Copy of the joint meter reading sheet are enclosed herewith for ready reference as **ANX-A**.

Normally under such type of meter stop period, the anomaly during the stop period is regularized on the basis of average consumption of either preceding three months or succeeding three months whichever is higher. From records it is found that the prior period consumption was on lower sides which are shown below:

November' 2008	190840 Kwh
December' 2008	170600 Kwh
January' 2009	169000 Kwh
February' 2009	161020 Kwh
March' 2009	158360 Kwh

APDCL now requests the AP representative and the CC forum to look into the matter and take decision on following:

i) Ratification of average consumption for the meter stop period (April' 2009 to July' 2011) on the basis as suggested by APDCL or on any basis as the Forum deems fit.

ii) Finalize the tariff applicable for the entire stop period either on the basis of average UI Rate or any tariff as the Forum deems fit.

3.4 Information of transfer of Central Sector (CS) Energy through Assam grid during POC Regime:

During pre-ABT period, the details of energy quantum transferred through Assam grid to neighboring states of Arunachal and Nagaland were being shown in monthly REAs and parallelly those quanta were also deducted from the total drawl of Assam. But with the implementation of ABT w.e.f. November' 2003, such detailed transactions are stopped displaying in REAs. As a result Beneficiaries are deprived from detailed of power evacuated to these states.

APDCL now requests the NERPC/ NERLDC:

i) To enlighten Beneficiaries how such transaction are being taken care of in absence of arrival of those 33/ 11 KV meter readings.

ii) Whether Assam (APDCL) has been getting due credit of such drawl by other states from its total actual drawl.

iii) To provide feeder-wise details of total delivery of CS Energy by Assam to AP and Nagaland from Assam off-take points in a separate Table in every monthly REAs.

iv) To suggest Beneficiaries whether such existing mechanism be continued or not.

3.5 Difference between the monthly Implemented Schedule MU and REA MU:

It is observed from long back that there is always difference of MU figures between the final implemented schedule and monthly REA figures. For your ready reference we have furnished the figures of last four months from April'2014 onwards for your ready reference as **ANX-B**. The Form may deliberate and appraise the Beneficiaries.

4. Agenda items from NERLDC.

4.1 *Deviation charges outstanding:*

Status of Deviation charges outstanding as on 26.08.2014 is attached (Annexure-I). From the same it can be seen that all States are defaulters. Such payment default is creating serious constraint in timely settlement of pool account. NER pool is to pay huge amount to ER and NERLDC has been receiving reminders from ERLDC.

All concerned may liquidate outstanding dues at the earliest.

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

NERLDC is raising the bills on monthly basis on the 1st working day of every month in Terms of the CERC (fees and charges of RLDC and other related matters) Regulation, 2009. The status of latest outstanding is as below :

Meghalaya : Rs. 34.3 lacs

Manipur : Rs. 28.3 lacs

Mizoram : Rs. 31.4 lacs

Defaulting constituents may liquidate outstanding dues at the earliest.

4.3 Outstanding dues for AMC of SCADA-EMS:

Outstanding dues are as below:

	Overhead charges	Supplementary FERV	AMC
AEGCL	2073145/-	54946/-	1724805/-
MeECL	2003309/-	53478/-	3454415/-
TSECL	134276/-	52556/-	1678437/-

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

4.4 Non-submission of weekly SEM readings by Tinsukia (Assam), Deomali (Ar.Pradesh), Nangalbibra (Meghalaya), Mokokchang (Nagaland) & Rengpang (Manipur).

Statuses still same in spite of discussion in several meetings.

SEM at Mokokchang end of 132 kV Doyang-Mokokchang feeder (Meter no. NP-4208-A of secure make) need to be replaced.

Assam / Manipur /Meghalaya / Nagaland /CTU / Ar. Pradesh need to take action.

4.5 Status of Procurement of SEMs / Spare availability:

As per minutes of 21st. CCM, NERTS was to submit details to NERPC Secretariat. NERPC may update the status.

4.6 Meter Time Drift:

NERLDC is not receiving time drift status except from Khandong and Kopili. It is very important that all locations should furnish the status in prescribed format along with weekly SEM data.

NERTS may intimate the status regarding replacement of 62 faulty L&T meters which were malfunctioning on getting time correction command.

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.

4.8 Malfunctioning of DCD at Tura

MePTCL has informed that the DCD at Nangalbibra S/S is not functioning since Nov'13. In view of this, there is no standby meter reading available in case of inter-State 132 KV Agia-Nangalbibra feeder.

Matter has been taken-up with NERTS who has acknowledged the fact and advised that respective utilities should make efforts as advised by CTU to keep DCDs in healthy condition.

All entities are may act accordingly to keep DCDs healthy and inform promptly to CTU (NERTS) in case of malfunctioning.

NERTS and MePTCL may intimate status of Nangalbibra DCD.

4.9 Collection of weekly SEM data – DCD – LAPTOP - AMR

Weekly reading is collected from SEM through Data Collecting Device (DCD). In some locations, RS-485 scheme has been implemented for downloading reading of all meters in the location to a local PC without DCD. NERLDC has been receiving information regarding malfunctioning of DCD in various locations and it has been reported that such instances are mainly due to improper handling of DCD. It is desired that DCDs are handled carefully and instructions given by CTU while installation is followed to avoid unwanted breakdown.

In future, to do away with DCDs, following are possible:

- a. RS-485 commissioning in more locations
- b. LAPTOP procurement in place of DCD
- c. Implementation of Automated meter reading (AMR) scheme

Commercial Committee may discuss the options and may take a decision regarding AMR scheme which is long pending and under discussion for quite some time.

4.10 Non-availability of meter reading pertaining to crucial Inter-utility lines

- a. 220 KV Kopili-Misa III : Meter error in Kopili end
- b. 132 KV Loktak-Imphal(PG) : Meter not installed at Imphal(PG)
- c. 132 KV Imphal(PG) – Yurembam line : Meter not installed at Imphal(PG)
- d. 132 KV Imphal(PG)-Ningthoukhong line : Meter not installed at Ningthoukhong
- e. 132 KV Balipara-Gohpur line : Meter error in Balipara end

Matter being taken-up with NERTS for quite some time but no action taken till now.

NERTS may give timeframe for addressing the issues.

4.11 Availability verification of transmission system

Subsequent to notification of CERC(Terms and conditions of Tariff) Regulations 2014, the procedure as per enclosed letters addressed to Member Secretary, NERPC and MD-NETC is being followed in NER.

Commercial committee may note.

4.12 Depicting shortfall by some States while there is under-requisition from ISGS

It is seen that there are instances when a State is under-requisitioning from ISGS or selling through STOA, PX etc, but at the same time showing shortfall while reporting. For example, Tripura had under-requisitioned from NER Gas thermal ISGS (AGBPP, AGTPP and Palatana) but still reported shortfall of 0.256 MU, 0.225 MU and 0.448 MU on 14.08.14, 18.08.14 and 20.08.14 respectively. Also, in some cases, import is

not being done from market although ATC margin exists. In such case also, shortfall is depicted on some occasions. From these, we need to arrive at a conclusion regarding reason of such shortfall which appears to be due to commercial reasons and not due to lack of availability of power.

Commercial Committee may discuss.

4.13 *Elster make SEMs in NER*

CTU has procured ELSTER make SEMs and DCDs which are being installed in different locations of NER. NERLDC has checked accuracy of meter readings by comparing with L&T make meters and there is no problem regarding accuracy.

However, there are several problems which are being encountered in connection with ELSTER meters.

a. Date and Time are found to be incorrect on many occasions. During 1st. week of Sept'14, reading of the meter connected at 50 MVA transformer-2 of Imphal was collected for the first time and it was showing date of June'14 (reading attached). This is a very serious issue which has taken place on number of occasions.

b. Time correction procedure for SEMs is as below as per technical specs :
Each meter shall have a built-in calendar and clock, having an accuracy of 30 seconds per month or better. The calendar and clock shall be correctly set at the manufacturer's works. The date (year-month-day) and time (hour-min.-sec.) shall be displayed on the meter front (when VT supply has been connected), on demand. Only limited clock adjustment shall be possible at site, using the DCD. When an advance or retard command is given, six subsequent time blocks shall be contracted or elongated by ten seconds each. The meter shall not accept another clock correction command for seven days. All clock corrections shall be registered in the meter's memory and suitably shown on print out of collected data.

But in ELSTER meters, date and time correction can be done without any restriction (as demonstrated by ELSTER in Kopili) which is serious violation of Technical specs.

In view of this, it is necessary to take a decision regarding ELSTER meters and also regarding future procurement of SEMs.

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

The figures will be tabled in Commercial Committee meeting.

5. *Agenda items from TSECL*

5.1 Till date Mizoram has not open the LC which was expired on Aug 12 & as on date outstanding amount is approx 10 crores.

NERPC may kindly intervene.

5.2 Poc bill raised by PGCIL is not understandable by us as well as audit also. It is requested to bring transparency in this matter.

5.3 Claim of CPU's with retrospective effect putting huge burden on Beneficiaries.

It has been observed that CPU's 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 lead 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.

The same issue was raised on last CC meeting, but no fruitful solution has come in effect.

6. Agenda items from NEEPCO

6.1 Construction power for AGTP Combined Cycle Extension Project–inclusion in REA reg.:

Construction power for the AGTP Combined Cycle Extension Project is being met from TSECL's share from AGTP through a bilateral PPA. As agreed between NEEPCO and TSECL, and as decided at the 19th CC meeting held at Guwahati on 26th March 2013, a SEM (Make: L&T; Sr. No. NP-8379-A; Type: ER 300P) has been installed and used for recording the energy drawn by NEEPCO. Prior to installation of this meter the energy drawal was recorded by NEEPCO's meter (Make: Secure; Sr. No. WBB 03352; Type: E3M021). It was also agreed at the said 19th CC meeting that the readings from this meter will be booked against Tripura drawal and reflected in the monthly REAs.

However, the readings are yet to be reflected in the REAs, due to which NEEPCO has been unable to raise bills on TSECL and vice versa for this quantum of power.

Therefore, it is proposed that the construction power drawal by NEEPCO as recorded by the above mentioned SEM be incorporated in the REAs. The meter readings as recorded by NEEPCO since commencement of drawal in April 2013 will be made available to NERPC / NERLDC.

Members may deliberate and take an appropriate decision.

6.2 Commissioning of separate 33 KV Delivery Line from Khandong PH to APDCL substation at Umrongsu:

In order to settle the issue of segregation of supply to NEEPCO Colony at Umrongsu and to APDCL's Umrongsu sub-station from the Khandong PH, which is catered to by NEEPCO's PS 1 feeder at present, it was agreed that APDCL would construct a separate dedicated 33 KV feeder from Khandong PH to their Umrongsu sub-station. Accordingly, APDCL completed and commissioned the feeder in December 2012.

However, further necessary actions to facilitate power supply through this line viz. obtaining statutory clearance from RIO and joint relay setting are yet to be taken.

The energy injected through this line is required to be reflected in the REAs.

Therefore, NEEPCO submits the following proposals:

i) APDCL to complete the balance necessary formalities as mentioned above to facilitate commencement of supply through the new 33 KV feeder and disconnection of the existing tap off from NEEPCO Colony supply feeder PS 1 without further delay; Entire load of APDCL to be transferred immediately to this line.

ii) Reflection of the energy injected through the new feeder from Khandong PH to APDCL's Umrongso sub-station in the REAs after commencement of supply

Members may deliberate and take an appropriate decision.

6.3 Liquidation of outstanding dues:

Beneficiary wise outstanding status as on 31.08.2014 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. Fee, MAT etc)	Total dues (excl. "Late payment surcharge")	"Late payment surcharge" due till 30.06.2014	Total dues (incl. "Late payment surcharge")
Ar. Pradesh	738.83	0.00	7.25	746.08	0.00	746.08
APDCL	42086.82	0.00	2073.41	44160.23	18888.99	63049.22
Manipur	271.51	2291.53	268.43	2831.47	2790.41	5621.88
MeECL	18015.68	6570.05	501.21	25086.94	9333.52	34420.46
Mizoram	4484.62	0.00	372.68	4857.30	934.35	5791.65
Nagaland	154.84	0.00	3.09	157.93	523.84	681.77
TSECL	2241.06	2292.78	329.00	4862.84	1260.57	6123.41
Total	67993.36	11154.36	3555.07	82702.79	33731.68	116434.47

Out of the above outstanding amount, 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	0.00	0.00
APDCL	49698.12	44226.49
Manipur	5232.59	5232.59
MeECL	32684.33	32544.36
Mizoram	4337.61	3723.36
Nagaland	732.06	732.06
TSECL	5188.65	5093.71
Total	97873.36	91552.57

From the above outstanding status, it is clear that all beneficiaries except Arunachal Pradesh and Nagaland have accrued huge outstanding dues payable to NEEPCO on account of purchase of electricity. In fact, the outstanding dues have gone up for APDCL, Mizoram and TSECL during the period of Jun'14 to Aug'14 in comparison to their outstanding status as on 31.05.2014 presented during the 21st C.C. meeting. No payment have been made during the financial year till date by Manipur, TSECL and MeECL on account of arrear bills raised on them on due to revision of AFC for 2009-14. Further, accrual of "Late payment surcharge" is increasing for APDCL, Manipur, MeECL, Mizoram and TSECL.

NEEPCO is facing acute financial crunch due to enhancement of operational expenses for its generating stations and at the same time non- payment of dues by the beneficiaries. Continuation of delay in settlement of dues resulting in financial crunch for NEEPCO is likely to have negative impact on its operating efficiency of Plants.

The above is for deliberation to the defaulting beneficiaries requesting them to clear their outstanding dues immediately as well as to regular settlement of current dues billed henceforth.

6.4 *Reconciliation of accounts:*

While finalizing the accounts (quarterly as well as yearly), it is desirable to reconcile accounts between the NEEPCO and its beneficiaries for all the financial transactions made during the said periods.

NEEPCO have sent to all the beneficiaries vide letters dated 16.05.2014 the statements furnishing all the transactions relating to the financial year 2013-14 and closing balances as on 31.03.2014 for necessary verification/reconciliation at their end and to confirm the same for record. But till date confirmation have been received only from three beneficiaries, namely, Mizoram, Nagaland and MeECL.

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.

The above is for deliberation to the beneficiaries.

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:-

Arunachal Pradesh: - This agenda was included for deliberation in 21st CC meeting but representative from Deptt. of Power, Govt. of Arunachal Pradesh was absent and Superintending Engineer (O), NERPC suggested to put up this agenda point in next RPC so that proper decision can be made.

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

As per deliberation in the meeting of 21st CCM, representative of APDCL, Assam 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.

So, it is again requested that intervention of NERPC is required in this regard.

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

Deptt. of Power, Govt. of Arunachal Pradesh: - Deptt. of Power, Govt. of Arunachal Pradesh has provide Letter of Credit (LC) only for Rs 33.50 Lacs against requisite amount of Rs 62 Lacs. Representative from Deptt. of Power, Govt. of Arunachal Pradesh was not present in the last CCM meeting wherein this agenda was included.

Manipur State Power Distribution Company Limited:-After closing the Letter of Credit of `2.96 Crs by Electricity Department, Govt. of Manipur due to restructuring, we are regularly pursuing with Manipur State Power Distribution Company Limited (MSPDCL) for opening of fresh Letter of Credit of requisite amount. In the last CCM representative from MSPDCL deliberated that agreement has been signed with SBI, the LC of requisite amount will be issued soon.

Deptt. of Power, Govt. of Arunachal Pradesh and Manipur State Power Distribution Company Limited may be requested to furnish the Letter of Credit (LC) of requisite amount incorporating our comments on top priority.

7.3 Outstanding dues of NHPC for more than 60 days:

APDCL, Assam: An amount of **Rs 1.48 Crs** including surcharge is outstanding for more than 60 days. In the last CCM representative from APDCL, Assam was requested to clear the outstanding dues at the earliest. **APDCL may be requested to clear outstanding dues on top priority.**

7.4 Payment of Deviation and Additional Deviation charges:

1) As per deliberation of the MOM of 21st CCM of NERPC "After detailed discussion, members agreed that the present method of accounting / settlement indicating weekly payable and receivables separately would continue as agreed in the 11th Commercial Committee Meeting of NERPC".

Action required from NERPC:- In this regard, it is brought to your kind notice that NHPC has raised the issue of payment of deviation and additional deviation charges after clubbing the receivables and payables i.e. net impact of receivables and payables through a single payment mechanism, in the 21st CCM of NERPC held on 11.06.2014 at Guwahati. As deliberated in the last meeting by NHPC, it is reiterated that the accounting /settlement of indicating weekly payables and receivables should be made through a single payable / receivable formulae.

Northern and Eastern Regions are adopting the formulae of net effect of receivables and payables of Deviation and Additional Deviation Charges. Therefore, NERPC is also requested to follow the similar methodology as being followed by ERPC & NRPC.

2) Following points may also be incorporated in UI/Deviation settlement:-

In the statement of Deviation charges issued by NERPC, due date of payment may be indicated on the face of statement of account as is being indicated by NRPC.

(i) At the time of issue of revision for particular week, differential amount may be indicated through separate table for which payment is to be received or released. Further this differential amount may be taken date wise (whenever it is issued) as a separate line in reconciliation statement.

(ii) NHPC is releasing the payment immediately after receiving the statement. Hence amount payable to NHPC may be released at the earliest.

In view of above, it is requested to follow the same practice as followed by other Region.

8. Agenda items from NERTS/PGCIL

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 02/09/2014

CONSTITUENTS	Outstanding against Non PoC bills	Outstanding against PoC bills	Outstanding more than 60 days	Total Outstanding (including surcharge)
Ar. Pradesh	-0.52	2.20	0.00	1.68
ASEB (Assam)	0.12	3.96	0.00	4.99
MSPDCL (Manipur)	-3.01	2.20	0.00	1.40
MeECL (Meghalaya)	0.30	15.74	15.98	17.02
Mizoram	-0.09	3.20	0.12	3.11
Nagaland	-0.02	0.00	0.00	-0.02
TSECL (Tripura)	-0.01	0.00	0.00	-0.01
Generators/NETC	0.31	0.00	0.06	0.31
TOTAL	-2.92	27.29	16.16	28.48

The total outstanding as on 02/09/2014 is ` **28.48** Crore. Out of total outstanding, ` **16.16** 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 specially the sixty days outstanding in order to avoid Regulation of Power to MeECL.

Constituents are requested to clear the outstanding dues in time to avail attractive graded rebate offered by POWERGRID.

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.

STATUS OF LC AS ON DATE (02.09.14) OF NER BENEFICIARIES

Sl	Beneficiary	LC required (Avg. first bill amount X MF 1.05) (` in Lakh) TPA exists	LC AVAIL ABLE (` in Lakh)	VALIDITY UPTO	Balance to be enhanced/ renewed annually (` in Lakh)	Tota LC Amount to be renewed including enhanced value (` in Lakh)
1	Arunachal Pradesh	247.80	252.00	31.03.15	0.00	
2	AEGCL (Assam)	1591.80	1591.80	26.03.15	0.00	
3	MSPDCL (Manipur)	220.50	213.13	31.03.15	7.37	7.37
4	MeECL	412.65	344.00	27.06.14	412.65	412.65
5	Mizoram	152.25	152.25	04.05.15	0.00	
6	Nagaland	185.85	192.15	21.03.15	0.00	
7	TSECL(Tripura)	184.80	183.00	14.02.15	1.80	1.80
		2995.65	2834.33			

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.

LC of MeECL has already expired on 27/06/2014.MeECL has taken up with bank for renewal. However the LC is yet to be renewed, which may kindly be expedited at the earliest. MSPDCL & TSECL may kindly enhance the LC value as required

8.3 Replacement of Optical Terminal Equipment& Multiplexers of ULDC scheme:

a) SDH Part:

As recommended in UCC meeting forums(e.g.18TH UCC MOM, S.N.2-d), it is proposed to replace the existing terminal equipment i.e. SDH nodes of ULDC scheme/optical network. As discussed in various UCC meetings, the reasons for replacement are as follows:

- Present SDH equipment of M/s Siemens are giving trouble which could not be repaired as there is no OEM support.
- The spares have been consumed mostly.
- Already some nodes are not accessible.

The Detail list of ULDC SDH nodes with BOQ for SDH replacement(along with mandatory spare)as found during preliminary survey is attached herewith as Annexure-A(Part1&2).

b) PDH/Multiplexers Part:

Further, it is also found that PDH Multiplexers are equally old and repairing cost of cards from ABB Switzerland is quite high and don't have repairing service support in India. In 20th UCC, the matter was also emphasized by all representatives.

CTU proposes to do the needful in any ensuing OPGW/communication project like NER expansion project or so.

Proposed for approval by forum and onward taking up at RPC level for a)&b) above.

8.4 Replacement of RTU-SIC system:

It is proposed that RTU-SICs installed in POWERGRID substations will be replaced in line with recommendation/ minutes of 18th UCC meeting,(18TH UCC MOM, S.N.5) where it is mentioned that “.... the forum felt the need replacement of RTUs in POWERGRID and ISGS in view of obsolescence and non-support for OEM and it was proposed that the same would be taken up by respective agencies which will be as per the guide lines of CERC. The forum agreed in principle the technical proposal however the commercial issues would be taken up by the appropriate forum”

In line with requirement, POWERGRID has already taken up replacement of RTUs in POWERGRID stations (List of RTU-SICs (location wise-PG station) is attached as Annexure-B)&the work being done in on-going NTAMC project.

Proposed for approval by forum and onward taking up at RPC level.

8.5 Coordinator for different Metering Issues-Utility wise

It is requested that a common coordinator from each utility may be designated to monitor healthiness/ nos. of meters installed in the premise of that utility. He will confirm healthiness of DCD and would take minimum trouble shooting measures. The coordinator will be responsible for keep records of all DCDs/MRI received/handed over/installed meters. Whenever, any DCD is found defective the coordinator of the respective utility will arrange to send the defective DCDs/Meter to designated/nearest POWERGRID station for needful checking and co-operate for needful solution by discussing with CTU. A monthly report/communication from each coordinator may be sent to CTU in this regard.

Forum may agree.

8.6 Sending Weekly meter reading Data directly to NERLDC by utility:

It is found that weekly meter reading data of some utilities are not being sent by themselves directly to NERLDC for meters installed in the respective utility's premise. It is again requested that data may be sent in line with relevant grid code compliance .Rep of all constituents (coordinator as per agenda3) may confirm the same. List of stations will be provided during meeting. If required, representative of respective stations may visit nearest PG station for acquaintance with DCD/MRI handling.

Assurance of Compliance from all utilities as applicable may be recorded by forum.

8.7 Replacement of L&T make Energy Meters by Elster make at Pallatana-OTPC

Under urgency, meters of L&T make were installed in Pallatana station by borrowing from other region/ERTS-2. Now the same lot is to be returned to ERTS-2 as NERTS have purchased requisite nos. of meters . The L&T make meters at Pallatana are to be replaced by newElster make meters in Pallatana. POWERGRID/CTU representatives have visited Pallatana station but the same could not be done as was not allowed from OTPC authority.

OTPC may co-operate with CTU & Forum may comment for compliance.

9. **Agenda item(s) from OTPC**

9.1 **Tariff of Unit – II of Palatana Project after Commercial Operation:**

The Unit No. 2 of Palatana Gas Based Combined Cycle Power Project is expected to start its Commercial Operation from end October / early November, 2014. After successful commissioning of the Unit, the Beneficiaries will get power from Unit – II as per their share.

The final tariff order in respect of Unit Nos. 1 & 2 of Palatana from CERC as per Tariff Regulations, 2014 is not expected by the time (October / November 2014), COD of Palatana Unit No. 2 is declared. Under the situation, the beneficiaries of NE Region are requested to pay the energy bills for Unit No. 2 (post COD) at CERC determined provisional AFC of Unit No. 1, till issuance of final Tariff Order by CERC for both the Units.

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

11. **The next Commercial Coordination Sub-Committee meeting will be held in the month of Dec' 2014. The date and venue will be intimated separately.**

Statement for Import of 11KV Power Supply from ASED at Chapakhawa In-let Point.

Sl. No.	Month	Period	Meter Reading		Reading Multiply 1000	Reading KWH.	Restricted Auxiliary Consumption as per Receipt	Actual Drawn.	Remarks
			From	To					
1.	July 2011	Wed 13/7/2011 to 31-7-2011.	—	94.65	94.65 x 1000	94650	1890	92760	
2.	Aug 2011	31-8-2011	94.65	435.05	340.4 x 1000	340400	6800	333600	
3.	Sept. 2011	30-9-2011	435.05	613.19	178.14 x 1000	178140	3560	174580	
4.	Oct. 2011	01-11-2011	613.19	791.80	178.61 x 1000	178610	3600	175010	
5.	Nov. 2011	01-12-2011	791.80	978.16	186.36 x 1000	186360	3725	182635	
6.	Dec. 2011	31-12-2011	978.16	1154.93	187.77 x 1000	187770	3755	184015	
7.	Jan' 2012	31-01-2012	1154.93	1365.13	199.20 x 1000	199200	3984	195216	
					Total	1365130	27314	133786	

The Above Meter Reading has been Taken Jointly at Chapakhawa In-let point & found correct.

dt:- 17/02/2012

(Signature)

SUB-DIVISIONAL ENGINEER
CHAPAKHAWA ELEC. DIVISION
A.S.E.R. CHAPAKHAWA

(Signature)

Junior Engineer (E)
Roing Electrical Division
Department of Power, A.P.

ANX-B

ALL FIGURES IN MU

	JUL'14															
	APR'14				MAY'14				JUN'14				JUL'14			
	REA	I/SCH	Deviation	REA	I/SCH	Deviation	REA	I/SCH	Deviation	REA	I/SCH	Deviation	REA	I/SCH	Deviation	
Kopili HEP	1.4256	1.3794	0.0461	9.7794	9.3843	0.3952	0.0537	0.0515	0.0021	29.8555	28.7857	1.0697				
Kopili HEP - II	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.4868	4.3335	0.1532	7.9225	7.6497	0.2728				
Khandong HEP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	9.4961	9.1626	0.3335				
RHEP	17.9079	17.2736	0.6343	46.4621	44.8546	1.6075	50.7921	49.0823	1.7098	77.9314	75.1956	2.7358				
DHEP	1.4553	1.4061	0.0491	0.4591	0.4439	0.0152	1.1770	1.1403	0.0367	6.8179	6.5844	0.2335				
AGBPP	81.0329	77.7090	3.3239	79.9591	75.3032	4.6559	80.8695	76.3636	4.5059	81.8435	78.4109	3.4326				
AGTPP	18.3561	17.6283	0.7278	22.1621	20.9008	1.2613	24.5461	23.1917	1.3544	23.8859	22.9083	0.9776				
NEEPCO																
Total	120.1777	115.3965	4.7812	158.8218	150.8867	7.9351	161.9252	154.1630	7.7621	237.7527	228.6972	9.0555				
NHPC	3.3885	3.2700	0.1186	2.5726	2.4849	0.0877	6.6965	6.4851	0.2114	20.2335	19.5368	0.6966				
OTPC	75.2804	72.3419	2.9385	36.3938	35.1403	1.2535	72.9252	70.3099	2.6153	76.4646	73.5655	2.8990				
NER																
GROSS	198.8467	191.0084	7.8383	197.7882	188.5119	9.2763	241.5469	230.9581	10.5888	334.4507	321.7995	12.6512				
Farakka	19.5286		-63.8239	18.9933		-73.3629	16.2751		-61.7097	21.5837		-66.4302				
Kahalgaon I	8.7869		8.7869	7.2808		7.2808	6.8197		6.8197	9.7428		9.7428				
Kahalgaon II	40.4272	83.3525	40.4272	41.0222	92.3562	41.0222	33.5720	77.9848	33.5720	31.6318	88.0140	31.6318				
Talcher	10.5077		10.5077	11.2151		11.2151	9.8902		9.8902	13.0312		13.0312				
Farakka III	6.5414		6.5414	16.5716		16.5716	13.6196		13.6196	14.6030		14.6030				
ER	85.7918	83.3525	2.4393	95.0831	92.3562	2.7269	80.1766	77.9848	2.1918	90.5924	88.0140	2.5784				
GROSS																

ALLOCATED CSGS NER

UNALLOCATED CSGS ER

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सबसिडीयरी कंपनी)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)



उत्तर पूर्वी क्षेत्रीय भार प्रेषण केंद्र North Eastern Regional Load Despatch Centre

डाक रिंज़ा, लापालांग, शिलांग - 793006 (मेघालय) ई-मेल: nerldc1@hotmail.com

PO Rynjah, Lapalang, Shillong-793006 (Meghalaya) E-mail: nerldc1@gmail.com

Tel. : (0364) 2535717,2536930 Fax : (0364) 2535717

संदर्भ : उपक्षेत्राधिकार/ एम.ओ/125/4426-26

Date: 26.08.2014

सेवा में / To,

सदस्य सचिव

उत्तर पूर्वी क्षेत्रीय विद्युत समिति

शिलांग - 793003

Member Secretary

NERPC, MSHFCS Ltd. Building

Nongrim Hills, Shillong 793003

Sub: Availability Verification of Transmission System.

Sir,

Subsequent to notification of CERC (Terms & Condition of Tariff) Regulation 2014, new clauses have come to place like allowing maximum two tripping per year in AC system and applying multiplication factor of 2 with outage hours in case outage affects evacuation of power from generating station. In view of this it is necessary to streamline the system of availability verification of the transmission system. NERLDC would like to propose the steps given below for the purpose of verification of transmission system availability w.e.f April '14.


- i. Submission of outage data to NERLDC by the licensee pertaining to previous month (Say data of January shall be submitted by February).
- ii. NERLDC will verify duration of outage and place the data in PCC of NERPC (Say March 1st week) for verification of reasons of outage and ascertaining whether outage is attributable to transmission licensee or others.
- iii. Simultaneously place the data in OCC of NERPC (Say March 1st week) for identifying the outages which caused generator backing down.
- iv. PCC & OCC shall intimate the outcome/decision to NERLDC within a week after the meeting (Say by 15th March).
- v. NERLDC will verify and submit the data to NERPC Secretariat (Say by 25th March).

Outage details (after verifying outage duration) of April-June '14 pertaining to NERTS and NETC are attached for discussion in OCC/PCC scheduled in Sept '14. Accordingly revised verification will be made by NERLDC for April-June '14.

Thanking You.

Encl. As above.

भवदीय / Yours faithfully



(टी.एस. सिंह / T.S.Singh)

महाप्रबंधक / General Manager

Copy To: 1. GM (Comml.), NERTS, POWERGRID, LAPALANG, SHILLONG.

2. MD, NETCL, Gurgaon, 1st Floor, Ambience Corporate Tower, Ambience Mall,
Gurgaon, 122001, Haryana .

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सबसिडीयरी कंपनी)

POWER SYSTEM OPERATION CORPORATION LIMITED

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उत्तर पूर्वी क्षेत्रीय भार प्रेषण केंद्र North Eastern Regional Load Despatch Centre

डाक रिंजा, लापालांग, शिलांग - 793006 (मेघालय) ई-मेल: nerldcl@hotmail.com

PO Rynjah, Lapalang, Shillong-793006 (Meghalaya) E-mail: nerldcl@gmail.com

Tel. : (0364) 2535717,2536930 Fax : (0364) 2535717

संदर्भ : उपक्षेभापेकें/ एम.ओ/125/

Date: 27.08.2014

सेवा में / To,

The Managing Director,
North Eastern Transmission Company Ltd.,
1st Floor, Ambience Corporate Tower, Ambience Mall,
Gurgaon, 122001
Haryana

Sub: Availability Verification of Transmission System.

Sir,

Kindly refer our letter dated 26.08.2014 addressed to Member Secretary, NERPC on the above subject. In this connection it is requested to submit the cumulative number of trippings of each element and the number attributable to NETC on monthly basis for the period April to June 2014. This is required to have a clear idea of the trippings exceeding two per year.

This information may please be furnished now onwards on monthly basis.

Thanking You.

भवदीय / Yours faithfully

(टी.एस. सिंह / T.S.Singh)

महाप्रबंधक / General Manager

WEEK FROM 0000 HRS OF 10-06-14 TO 1030 HRS OF 19-06-14

NP-8576-A 00005.0 00001.6 00000.6 10-06-14

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NP-8576-A 00005.1 00001.6 00000.6 12-06-14

“Detailed List of SDH nodes of ULDC scheme proposed for Replacement with Location names in North Eastern Region

Purchase Action: To be procured under “Establishment of FO System in lieu of mw Link in NER

Content : Site Wise BOQ for SDH/Mux Optical Terminal Equipments of ULDC scheme

S.No	Location	SDH Eqpt (upto 2 direction)							SDH Eqpt (> 2 dir.)							E1 Card	Ethernet Card	MuX	2 wire sub-sub	4 wire E&M	Asynch sub channel	DACS	Cabinet Mux	Cabinet SDH
			S4.1	L4.1	L4.2	OLI (upto 150km)	OLI (151-175km)	OLI (176-200km)		S4.1	L4.1	L4.2	OLI (upto 150km)	OLI (151-175km)										
1	Bongaigaon							1	4				2	2	1	2	2	2	2			1		
2	Agartala Gas	1	2			2								2	1								1	
3	Agartala SLDC	1	2											2	1								1	
4	Badarpur(PG)	1	4		2	2								2	1								1	
5	Dimapur							1	2		2	2		2	1								1	
6	Imphal							1	2			4		2	1								1	
7	Kahelipara	1	4											2	1								1	
8	Khandong	1	2		2									2	1								1	
9	Khliehriat (PG)							1			6			2	1								1	
10	Kohima	1			2	2								2	1								1	
11	Kopili	1	2		2									2	1								1	
12	Kumarghat							1				6		2	1								1	
13	NEHU							1	6					2	1								1	
14	RSCC, Shillong							1	4		2			2	1	2	2	2	2			1	1	
15	Umiam 1	1	4											2	1								1	
16	Umiam 3	1	2		2									2	1								1	
17	Repeater between balipara & bongaigaon	1				2	2							2	1								1	
	Total	10	22	0	10	8	2	0	7	18	0	10	12	2	34	17	4	4	4	4	0	2	16	

Based on MECL Requirement

18	Umtru	1	2		2	2								2	1	2	2	2	2			1	1
	G Total	11	24	0	12	10	2	0	7	18	0	10	12	2	36	18	6	6	6	6	0	3	17

Following stations of ULDC are also considered , cost will be shared proportionately between MW replacement & ULDC-SDH replacement. C

19	Sarusajai	1	2	2										2	1	2	2	2	2			1	1
20	Balipara								1			8		2	1	2	2	2	2			1	1
21	Misa								1	2	2	4		2	1	2	2	2	2			1	1

Bill of Quantities/SPARE SDH/MUX-Terminal Eqpt ULDC NODES-NER
To be procured under "Establishment of FO System in lieu of mw Link in NER"

S.No.	Description	Unit	SPARE
1.0	Transmission Equipment		
A	SDH Equipment (STM-4 ADM - Upto two direction)		
(I)	Base equipment (Common cards, Power Supply cards, power cabling, other hardware & accessories including sub-racks etc. fully equipped excluding optical cards and tributary cards indicated below).	Nos.	1
(II)	Optical Cards		
(a)	S1.1	Nos.	
(b)	S4.1	Nos.	2
(c.)	L4.1	Nos	1
(d)	L4.2	Nos	1
(e)	to support upto 150 kms for STM-4*	Nos	1
(f)	to support from 151 km to 175 km for STM-4*	Nos	1
(III)	Tributary Cards		
(a)	E1 Interface card (Minimum 16 interfaces per card)	Nos	2
(b)	Ethernet interfaces 10/100 Mbps with Layer-2 switching (Minimum 4 interfaces per card)	Nos	1
(B)	SDH Equipment (STM-4 ADM - more than two directions)		
(I)	Base equipment (Common cards, Power Supply cards, power cabling, other hardware & accessories including sub-racks etc. fully equipped excluding optical cards and tributary cards indicated below).	Set*	1
(II)	Optical Cards		
(a)	S1.1	Nos.	
(b)	S4.1	Nos.	1
(c.)	L4.1	Nos	
(d)	L4.2	Nos	1
(e)	to support upto 150 kms for STM-4*	Nos	1
(f)	to support from 151 km to 175 km for STM-4*	Nos	
(III)	Tributary Cards		
(a)	E1 Interface card (Minimum 16 interfaces per card)	Set*	1
(b)	Ethernet interfaces 10/100 Mbps with Layer-2 switching (Minimum 4 interfaces per card)	Set*	1
2.0	Termination Equipments		
A1	Drop & Insert Multiplexer Base Equipment (common Cards, Power supply cards, Power Cabling, other Hardware & accessories including subracks etc fully equipped excluding subscriber line interface cards)	Nos.	1
A2	Subscriber Line Interface Cards		
(a)	2 wire (Sub/Sub) Voice Channel cards (minimum 8 channel per card)	Nos.	1
(b)	4 wire (E&M) Voice Channel cards (with minimum 8 channel per card)	Nos.	1
(c)	Asynchronous Sub channel Data card (minimum 4 channel per card)	Nos.	1
B.	Digital Access Cross-Connect Switch (DACS) 16X16 ports switching Matrix, fully equipped for minimum 16 E1 ports	Nos.	1

LIST OF RTU-SICs TO BE INSTALLED/REPLACED**ANNEXURE-B**

Sl. No.	Region	Name of Substation Where RTU-SIC systems are to be replaced	Voltage Level (kV)	Replacement of RTU-Qtty	Replacement of SIC with acc. Qty
1	NERTS	AIZAWL	132	1	1
2		BADARPUR	132	1	1
3		BALIPARA	400	1	1
4		BONGAIGAON	400	1	1
5		DIMAPUR	220	1	1
6		HAFLONG	132	1	1
7		IMPHAL	132	1	1
8		ITANAGAR	132	1	1
9		JIRIBAM	132	1	1
10		KHLIEHRIAT	132	1	1
11		KOLASIB	132	1	1
12		KUMARGHAT	132	1	1
13		MISA	400	1	1
14		SILCHAR	400	Not Required	
15		ZIRO	132	1	1
16		MARIANI	220	Not Required	
TOTAL Requirement				14	14