



भारत सरकार Government of India

विद्युत विभाग Ministry of Power

उत्तर पूर्वी क्षेत्रीय बिजली आयोग

North Eastern Regional Power Committee

उत्तर पूर्वी क्षेत्रीय बिजली आयोग, मेघालय राज्य, शिल्लोंग - 793003

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No.: NERPC/COM/CC_Min/2012/2912-48

Dated: 23rd April 2012

To

1. Member (Tech), Assam State Electricity Board, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
2. Member (Tech), MeSEB, 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. Chief Engineer (EE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
6. Chief Engineer (P&E), Department of Power, Govt. of Nagaland, Kohima - 797 001
7. Chief Engineer (P), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
8. General Manager, TSECL, Agartala - 799 001
9. General Manager, NERLDC, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
10. ED (O&M), NERTS, PGCIL, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
11. GM (LD&C), PGCIL, "Saudamini" Plot No.. 2, Sector - 29, Gurgaon, Haryana - 122 001
12. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
13. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
14. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
15. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
16. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066
17. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
18. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
19. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066

Sub: Minutes of the 18th CC meeting held on 14/03/2012 at Brahmaputra Jungle Resorts Pvt. Ltd., Tapesia, Sonapur, Assam.

Sir,

Please find enclosed herewith the minutes of 18th Commercial Committee Meeting held at Brahmaputra Jungle Resorts Pvt. Ltd., Tapesia, Sonapur, Assam on 14th March, 2012 for your kind information and further necessary action.

Encl.: As above

आपका / Yours faithfully,

(Signature) 23/4/2012

(तथा तत् आचार्य) S. K. Ray Mohapatra

अधीक्षक, आचार्य / Superintending Engineer

विद्युत / Commercial

1. SA to Member(GO&D), CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066
2. Chief Engineer, AEGCL, Bijuli Bhavan, Guwahati - 781001
3. Chief Engineer, APGCL, Bijuli Bhavan, Guwahati - 781001
4. MD, CA DISCOM, Bijuli Bhavan, Guwahati - 781001
5. MD, UA DISCOM, Bijuli Bhavan, Guwahati - 781001
6. MD, LA DISCOM, Bijuli Bhavan, Guwahati - 781001
7. Chief General Manager, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
8. S.E. (Trans. & Dist), MeSEB Lumjingshai, Short Round Road, Shillong - 793 001
9. Head of SLDC, MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
10. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
11. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima - 797 001
12. Head of SLDC, Department of Power, Dimapur, Nagaland
13. A.C.E. (Power-I), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
14. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
15. S.E. (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl - 796 001
16. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl - 796 001
17. Head of SLDC, TSECL, Agartala - 799 001
18. Chief Engineer, Loktak HEP, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur - 795 124

North Eastern Regional Power Committee

Minutes of the 18th Commercial Sub-Committee Meeting

Date : 14th March 2012

Venue : Brahmaputra Jungle Resorts Pvt. Ltd., Tapesia, Sonapur, Assam.

The 18th Commercial Sub Committee meeting of NERPC was held on 14th March, 2012 at Brahmaputra Jungle Resorts Pvt. Ltd., Tapesia, Sonapur, Assam. The meeting was hosted by NERTS, POWERGRID. The list of participants is given at **Annexure-A**.

The meeting started with welcome address by Shri Ajoy Patir, GM (Comml), NERTS followed by ceremonial lighting of lamp by the dignitaries. After this, Shri P. D. Siwal, Member Secretary, NERPC welcomed all the participants of the 18th Commercial Committee meeting and thanked NERTS, Powergrid, for making excellent arrangement and comfortable stay at the venue. He then requested SE (Comml), NERPC to take up the agenda items.

Shri S. K. Ray Mohapatra, SE (Comml), NERPC while welcoming the delegates, expressed his gratitude to the members for participation in the meeting. He briefed the members about the huge outstanding dues against constituents and the need for maintenance of required LC by constituents as per CERC regulation. He also highlighted the members about the recent amendments in IEGC & UI regulations of CERC and draft amendments in regulations, likely to be notified by CERC and will have impact on PoC of the NER.

Then the agenda items were taken up.

1. Confirmation of the minutes of 17th CC Meeting held on 28th November 2011 at Hotel Mayfair, Darjeeling.

The minutes of 17th CC meeting held on 28th November 2011 at Hotel Mayfair, Darjeeling were circulated, vide letter no. NERPC/COM/CC_Min/2011/625-61 dated 27th December 2011.

The observations in respect of item No. 4.1 & 12 have been received from NEEPCO requesting for modification/addition as indicated below:

Item no.	Agenda	Minutes as issued by NERPC	Modified minutes as proposed by NEEPCO
4.1	Modification of Design Energy of hydro Electric Plants for calculation of ECR as per	The modified Design Energy along-with detail calculations in respect of the claims made by NEEPCO was circulated amongst the members during the meeting. Representative from APDCL did not agree to the claims of NEEPCO for modification	The modified Design Energy along-with detail calculations in respect of the claims made by NEEPCO was circulated amongst the members during the meeting. Representative from APDCL did not agree to the claims of NEEPCO for modification of design energy

	CERC (Terms and Conditions of Tariff) Regulations 2009	of design energy during the years 2009-10 & 2010-11. It was stated that NEEPCO should give valid reasons to establish the fact that the under generation from design energy for their power plants was beyond the control of NEEPCO. In this regard, it was suggested by APDCL that view/ opinion of a neutral body like CEA could be obtained on the reasons to establish the fact that under generation was beyond control of NEEPCO and only then modification of design energy could be considered. After deliberation, it was agreed that CEA may be approached by NERPC Secretariat for clarification on the issue after receiving the comments from all the states.	during the years 2009-10 & 2010-11. It was stated that NEEPCO should give valid reasons to establish the fact that the under generation from design energy for their power plants was beyond the control of NEEPCO. In this regard, it was suggested by APDCL that view/ opinion of a neutral body like CEA could be obtained on the reasons to establish the fact that under generation was beyond control of NEEPCO and only then modification of design energy could be considered. Representative from NEEPCO communicated that the issue have been discussed during various CC meeting since the 13th CC meeting held on 14.07.2010 at Shillong. In pursuant to the decision taken during the 16th CC meeting held on 29.08.2011 at Shillong, no further comments/objection will be acceptable at this stage on the modified design energy applicable for the financial year 2010-11 for the Ranganadi and Kopili Stage II power stations and the bills for the same will be raised by NEEPCO in due course. After deliberation, it was agreed that CEA may be approached by NERPC Secretariat for clarification on the issue after receiving the comments from all the states within a period of 02 (two) months on the modified design energy for the financial year 2011-12 circulated by NEEPCO during the 17th CC meeting.
12	Any other item with permission of the chair	NIL	Representative from NEEPCO proposed to incorporate "Cumulative Schedule Energy" upto the current month" while issuing monthly Regional Energy Accounting in addition to the present practice of furnishing "Schedule Energy" for the current month.

Note: The proposed modifications are as shown under "Bold" letters.

Deliberations in the Meeting

Item 4.1:

Representatives from Assam did not agree with the proposed modification of minutes and the modified design energy claimed by NEEPCO. Shri K. Goswami, AGM, APDCL reiterated that NEEPCO should establish and convince the beneficiaries that the shortfall in energy from design energy of their Hydro power plants was beyond the control of NEEPCO.

Shri Arup Gan Choudhary, DGM, TSECL stated that NEEPCO has given only performance based information and asked for more valid reasons in support of their claim.

Member Secretary, NERPC stated that there is no clear cut guideline on the issue in CERC regulation and suggested that CERC may be approached to come up with modality for sorting out such issues.

All the members agreed to the suggestion of Member Secretary and it was decided to write to CERC for clarification on the issue.

Item 12:

Members agreed with following addition under Item No. 12 of the minutes as proposed by NEEPCO.

"In addition to the present practice of furnishing 'Schedule Energy' for the current month, 'Cumulative Schedule Energy' upto the current month shall be incorporated while issuing monthly Regional Energy Accounting."

The minutes of 17th CCM were confirmed with addition of item no. 12 as mentioned above.

2. **Presentation by NERLDC on commercial issues** (Presentation enclosed at Annexure- B)

3. **Follow-up actions from previous meetings.**

3.1 Procurement of Accounting Software:

During last CC meeting, members had agreed for procurement of software for preparation of various accounts and it was suggested that all PSUs of the region should share the cost of the software. The members had also agreed and decided that the proposal would be put up for approval in the next TCC / RPC meeting. Two estimates have been received from M/s DOEACC Society, Chandigarh and M/s Cybuzz SC, New Delhi. The estimated expenditure inclusive of TA/DA and taxes etc would be around Rs 25 lakhs. Selection of vendors would be done based on their technical competency and capability.

Members may please note.

Deliberations in the Meeting

Members noted as above.

4. Agenda items from POWERGRID.

4.1 Expansion and Up-gradation of SCADA/EMS System at NRLDC and SLDCs of North Eastern Region.

The issue for Up-gradation and Expansion of SCADA/EMS system of NERLDC and SLDCs of North Eastern Region was discussed at 12th NERPC meeting at Amritsar on 19th September 2011. Accordingly letters were written to respective constituents for their concurrence. Further CERC vide its order dated 28th December, 2011 for POWERGRID petition of Northern Region for similar works (no. 32/MP/2011) has directed POWERGRID to ensure that the projects for RLDC and SLDCs in respective region be implemented in an integrated and compatible manner to obviate any operational problem in future. CERC has also directed POWERGRID to implement as far as possible all the schemes in a coordinated manner within the same time-frame to achieve optimization of cost and economies of scale.

The Annual Maintenance Contract for existing SCADA/EMS system installed in North Eastern Region is Valid up to May 2013. Keeping in view of the above POWERGRID circulated the draft Specification to all the constituents of North Eastern Region for up gradation and Replacement of SCADA/EMS system for North Eastern Region SLDCs and NERLDC except Assam. Assam has informed that up gradation work of their SLDC has almost been completed and the up gradation would not be required.

Tripura and Meghalaya have conveyed their concurrence for the Proposal for Expansion/Up-gradation for SCADA/EMS system to be executed by POWERGRID and recovery of tariff as determined by CERC.

Accordingly, it is proposed to include this project into the existing commercial agreement between POWERGRID and Constituents signed under ULDC project and tariff shall be as determined by CERC.

Committee may deliberate.

Deliberations in the Meeting

PGCIL informed that the works taken up by SLDC of Assam is an expansion activity (not upgradation) and there is need for Up-gradation of SCADA/EMS system. The representative of Assam was requested to look into the matter and intimate the status in next OCC meeting. Representative from Arunachal Pradesh assured that he will take up the matter with the state government and intimate the status to PGCIL. Manipur representative informed that Manipur also agreed with the proposal for upgradation of SLDC. The representatives of Mizoram and Nagaland were not present.

4.2 Outstanding dues

Regulation Notice was issued to MeECL, for 2nd time in the year 2011, for regulation of power supply from 15.12.11 which however was withdrawn on request from MeECL on receipt of instant

payment of Rs 4 Crs on 15.12.11 with commitment to clear all the outstanding dues by 31st March, 2012 by making extra payment over and above the Monthly Transmission Charges. However after that, MeECL has made only Rs.2 Crs on 24.02.12 as a part payment of PoC bill for the month of November 2011.

The totals outstanding of POWERGRID's NER beneficiaries are as under:-

Total Outstanding of POWERGRID's NER beneficiaries:

As on : 29/02/2012

CONSTITUENTS	Rs in Crores			
	Outstanding against Non PoC bills	Outstanding against PoC bills	Outstanding more than 60 days	Total Outstanding
Ar. Pradesh	7.33	0.00	6.41	7.33
ASEB (Assam)	25.28	10.59	17.70	35.87
Manipur	3.22	4.22	2.23	7.44
MeECL (Meghalaya)	10.56	7.27	9.40	17.83
Mizoram	3.22	2.23	2.77	5.45
Nagaland	3.15	-0.19	2.13	2.96
TSECL (Tripura)	5.63	0.03	4.94	5.66
TOTAL	58.39	24.15	45.58	82.54

The total outstanding as on 29.02.12 is Rs 82.54 Crore. Out of total outstanding, Rs 45.58 Crore is beyond 60 days. It may be seen that outstanding against ASEB, MeECL, & Arunachal have gone to an alarming level. Constituents are requested to clear at least the outstanding dues over 60 days, by 31st March, 2012 to avoid regulation of power. If the outstanding dues over 60 days are not cleared at the earliest or a time bound commitment for liquidation of outstanding dues is not received from the Constituents, POWERGRID may not have any other alternative, but to resort regulation. It is mentioned that we have received such commitment from ASEB and they are continuing the payment of additional monthly installments.

Deliberations in the Meeting

Meghalaya representative intimated that all efforts will be made to clear the outstanding dues at the earliest. Representative from Arunachal Pradesh informed that the matter has already been referred to the government for budgetary support and the outstanding dues would be released soon. Assam was also requested to clear the outstanding dues.

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

REQUIREMENT AND STATUS OF LC AS ON DATE (28.02.12) OF NER BENEFICIARIES

Sl No	Beneficiary	Av. first bill amount for the month of July'11 to Dec'11 (Rs in lakh)	LC required (Avg. first bill amount X MF 1.05) (Rs in lakh)	LC AVAIL (Rs in lakh)	VALIDITY UPTO	Balance to be enhanced and renewed annually (Rs in lakh)	Remarks
1	Arunachal Pradesh	230.41	241.93	252.00	31.03.12	252.00	Bank yet to confirm.
2	ASEB (Assam)	1285.59	1349.87	973.00 177.00 189.00 1339.00	31.12.12	10.87	Bank's confirmation received for Rs 1339.00 Lakh
3	Manipur	213.13	223.79	180.00	01.12.12	43.79	Requested for early Extension/ Enhancement of LC amount.
4	MeECL	352.33	369.95	250.00	10.12.10	119.95	
5	Mizoram	125.94	132.24	116.10	05.05.12	16.14	
6	Nagaland	176.66	185.49	163.00	21.03.12	22.49	Bank's confirmation received for Rs 163.00 Lakh

Note- TPA – Tri Partite Agreement. LC shall be operated as laid down procedures of CERC order.

The constituents are requested to enhance/renew LC as required to get the benefit of rebate scheme as per CERC norms.

Deliberations in the Meeting

Constituents were requested to take necessary action for enhancement/renewal of LC at the earliest.

4.4 *Signing of Transmission Service Agreement*

The TSA has been signed by NEEPCO, Mizoram, Arunachal and Manipur. In the last CCM at Darjeeling on 28.11.11, it was agreed by constituents to sign the TSA at the earliest. Since signing of TSA is mandatory as per CERC norms, the rest Constituents are requested to sign the TSA which has already been sent to them.

Deliberations in the Meeting

Assam representative informed that necessary action has been taken and the TSA would be signed at the earliest.

Sr Manager, TSECL stated that Tripura had some reservations on the matter relating to the payment and rebate mechanism in the agreement. Anyway, the matter would be sorted out with PGCIL.

Representative from Meghalaya informed that the status would be communicated to PGCIL.

5. Agenda items from TSECL

5.1 Presently Manipur have LC amounting to Rs 65.21 Lakhs for Unit IV and Rs 107.59 Lakhs for Unit V. The LC amount needs to be enhanced to Rs 107.59 Lakhs for Unit IV. In spite of repeated request from Tripura, Manipur have not increase the LC of Rs 107.59 lakhs yet. Presently as on today, Manipur has an outstanding amount of around Rs 3.080crores and above. In every month the amount will be increased approx. Rs 40Lakhs. Manipur is to provide commitment for increase of LC amount as per MOM and clear up the outstanding.

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

Deliberations in the Meeting

The representative of Manipur informed that the approval for enhancement of LC to Rs 107.59 crores for Unit IV has been received from the government and LC would be enhanced at the earliest.

5.2 As on date Mizoram has an outstanding of Rs 8,76,97,820.43 approx excluding the surcharges as applicable. Repeated persuasion is made to clear up the dues as well as to ensure operation of irrevocable/revolving LC for timely payment to TSECL. Presently the payment security mechanism i.e. LC as established by Mizoram has no use.

Therefore we already requested not to release drawal schedule to Mizoram w.e.f 01/03/12 as because Mizoram has not yet opened the requisite LC for Unit IV and Unit V as per PPA as well as not being cleared the dues. This is absolutely required to protect the interest of TSECL.

Deliberations in the Meeting

As representative of Mizoram was not present, the members advised TSECL to take up the matter directly with Mizoram.

5.3 As per CERC order TSECL opened the LC. But UI payment has not yet been received regularly.

Committee may discuss the issue.

Deliberations in the Meeting

The matter was discussed with the members present in the meeting and the constituents were requested for timely payment of UI bills.

6. Agenda items from NHPC.

6.1 Discrepancy in UI Account in respect of Loktak Power Station

In the weekly UI account issued by NERPC w.e.f. 21/11/2011 to date, whenever actual generation of Loktak Power Station is less than the scheduled energy, negative UI charges have been levied by NERPC, and when actual generation is higher than the scheduled energy, most of the time, instead of full UI reduced amount of UI is paid.

In term of the decision of 4th special TCC/5th NERPC meeting, Loktak Power Station is entitled to receive the UI amount as per "CERC (Unscheduled Interchange Charges and related matters) (Amendment) Regulations, 2010. Accordingly, the statement of UI charges for the above period needs to be revised.

Deliberations in the Meeting

Chief Manager (MO), NERLDC informed that pool adjustment is necessary as the payable and receivable is not always equal due to variation in actual losses & losses calculated in load flow studies and other factors. After detail discussion, Member Secretary informed that NERPC will look into the matter raised by NHPC.

6.2 Renewal / enhancement of letter of credit by the beneficiaries of Loktak Power Station.

Sl. No.	Beneficiary	Amount of LC valid as on date	Amount of LC required to be renewed	Remarks
1.	Arunachal Pradesh	0.00	Rs 0.81 Crs	LC amounting to Rs 33.00 Lacs expires on 31.03.11
2.	Mizoram	0.00	Rs 0.83 Crs	LC amounting to Rs 31.62 Lacs expired on 31.03.11

These beneficiaries are requested to revalidate the LC for the requisite amount at the earliest.

Deliberations in the Meeting

The representative of Arunachal Pradesh informed that necessary action will be taken at the earliest to revalidate the LC for the requisite amount. As there was no representation from Mizoram, NHPC was advised to take up the matter directly with Mizoram.

6.3 Release of outstanding dues by the beneficiaries of Loktak Power Station:

For energy supplied upto Jan'12 and payment received upto date, over 60 days outstanding dues against the beneficiaries of Loktak Power Station are as given below:

Sl. No.	Beneficiary	Outstanding dues (Rs. In Lacs)
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1.	Meghalaya	13.74	0.51	14.25
2.	Assam	25.04	0.93	25.97
3.	Manipur	23.24	0.89	24.13
4.	Mizoram	5.86	0.25	6.11
5.	Nagaland	6.36	0.22	6.58
6.	Arunachal Pradesh	5.55	0.21	5.76

The above beneficiaries are requested to liquidate the outstanding dues immediately.

Deliberations in the Meeting

Representative from Arunachal Pradesh informed that cases of outstanding dues against Arunachal Pradesh have been put up to the government and Arunachal Pradesh will try to liquidate the outstanding amounts at the earliest.

The representative of Manipur also informed that the government would be approached for early payment of the outstanding dues. Meghalaya and Assam also agreed to take action for early settlement of the outstanding dues.

7. Agenda items from NERLDC.

7.1 UI outstanding:

Status of UI outstanding as on 21.02.2012 is attached (**Annexure-I**). From the same it can be seen that outstanding payable to Eastern Region stands at Rs.60.5 Crores. Eastern Region is continuously pursuing to release payment at the earliest. Major defaulters in NER are:

Ar. Pradesh: Rs. 24.2 Crores
 Assam: Rs. 13.8 Crores
 Meghalaya: Rs. 24.6 Crores
 Mizoram: Rs. 16.4 Crores
 Nagaland: Rs. 15.1 Crores

The states should take immediate necessary action for payment of outstanding dues. Matter has been taken up by NERLDC with the States on a no. of occasions.

Commercial committee may discuss.

Deliberations in the Meeting

Constituents were requested to clear the outstanding dues at the earliest.

7.2 Non-payment of NERLDC fees and charges bills

As per the provisions of CERC Regulation, monthly bills for NERLDC fees and charges from October, 2010 are being raised to the users. The status of latest outstanding is enclosed at **Annexure-II**.

Defaulting constituents may please intimate action plan to liquidate outstanding dues.

Deliberations in the Meeting

The constituents were requested to clear the outstanding dues at the earliest.

7.3 UI disbursement in NER

The matter regarding UI disbursement in NER was discussed in 53rd TCC and 55th NERE Board meetings held on 9th and 10th, June, 2005 (relevant portion of minutes attached at **Annexure-III**) and it was agreed that small payments in terms of lacs of Rupees would not be disbursed immediately to save bank charges and disbursement would be done once the amount to be disbursed is around Rs. 1 Crore. Accordingly, UI disbursement in NER is made within 2 working days of receipt of payment totaling Rs. 1 Crore in the UI pool Account.

Subsequently, Central Electricity Regulatory Commission (Unscheduled Interchange charges and related matters) (Amendment) Regulations, 2010, has been issued and as per Regulation 10(3) of the said Regulations,

QUOTE

All payments to the entities entitled to receive any amount on account of UI charges shall be made within 2 working days of receipt of the payments in the "Regional Unscheduled Interchange Pool Account Fund" of the concerned region.

UNQUOTE

In line with the same, any amount received in UI Pool Account irrespective of quantum is to be disbursed within 2 working days of receipt of the same.

Commercial committee may discuss.

Deliberations in the Meeting

After detail deliberation, it was decided that payments, for the time being, will be made in line with the present CERC regulation in force. The matter regarding reverting back to the old system of payment (i.e. the small payments in terms of lakhs of Rupees would not be disbursed immediately to save bank charges and disbursement would be done once the amount to be disbursed is around Rs. 1 Crore) vis-à-vis payment in line with present regulations of CERC will be put up to TCC/RPC for final decision.

7.4 Procurement of SEM with 0.01 Hz. Step size.

In view of the proposed amendment to the IEGC regulation which will have to be implemented as soon as the Regulations are finalized and notified, procurement of SEMs with step size of 0.01Hz. is urgently required.

NERTS may please intimate the status of procurement.

Deliberations in the Meeting

GM, NERTS informed the house that order for procurement of SEMs has been placed and the SEMs are expected to be delivered within one month.

7.5 Procurement of SEMs for NER.

In view of proposed commissioning of a no. of new generating stations and transmission lines in NER in near future, 116 SEMs & 50 DCDs projected for 2011-12/ 2012-13 would have to be in place at the earliest. TSECL has intimated that trial run of Pallatana GTG would commence in April'12.

Considering urgency, POWERGRID, NERTS would have to arrange for SEMs/DCDs to cater to requirement starting from April'12. New elements/generating stations cannot be commissioned/synchronized and also declared commercially operational unless SEMs are put in appropriate place as per CEA metering regulations.

Commercial committee may discuss.

Deliberations in the Meeting

GM, NERTS informed that order for procurement of required no. of SEMs and DCDs will be placed shortly. He further informed that around 30 to 40 SEMs would be borrowed from other regions from next month onwards in order to serve the immediate requirement.

7.6 Non-submission of weekly SEM readings by Deomali (Ar.Pradesh), Mokokchung (Nagaland).

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

Deomali and Mokokchung are the drawal points of the respective states. SEMs have been installed at all the drawl points. But till now, weekly SEM readings are not received from the said locations. In the absence of readings from the above locations, we are forced to use other end readings for energy accounting computations.

Readings should be submitted by all Constituents as per IEGC stipulation.

Deliberations in the Meeting

The concerned utilities (Arunachal Pradesh and Nagaland) were requested to send the readings of SEMs in timely manner to NERLDC. The committee decided to refer the matter to OCC for monitoring the status.

7.7 Malfunctioning of SEMs at Naharlagun (Ar.Pradesh).

One SEM is installed at Naharlagun for computation of Ar. Pradesh drawal at that point which is a tapping point between Ranganadi and Nirjuli of 132 kV Ranganadi-Nirjuli line. The SEM is recording abnormally low energy for quite some time. In view of this, difference between Ranganadi and Nirjuli end SEMs is taken as consumption at Naharlagun. This results in no back-up for Naharlagun drawal. In case of problem in reading of either Ranganadi or Nirjuli end SEM, there is no way to compute drawal at Naharlagun point.

Matter is very urgent and needs immediate attention by Ar. Pradesh/CTU.

Deliberations in the Meeting

GM, NERTS informed that the problem of Naharlagun SEM will be looked into and a second SEM of different make, if required, would be installed at Naharlagun to check the correctness of

reading.

7.8 Non-availability of SEM in both ends of some ISTS elements.

SEMs are required in both ends of all ISTS elements including those owned by CTU to ensure data correctness check and error-free accounting. Problems have been faced on a no. of occasions due to non-availability of both ends SEMs in some lines. A list of such lines is as below:

- i) Balipara end of 400kV Balipara-Bongaigaon I & II
- ii) Misa end of 220 kV Misa-Dimapur I & II
- iii) Badarpur end of 132 kV Badarpur-Kumarghat feeder
- iv) Haflong end of 132kV Haflong-Jiribam feeder
- v) Jiribam end of 132kV Jiribam-Badarpur feeder
- vi) Imphal end of 132kV Imphal-Dimapur feeder
- vii) HV side of 220/132kV ICT-II in Dimapur

NERLDC has already requested POWERGRID, NERTS to install the SEMs in above locations.

NERTS may please intimate the status.

Deliberations in the Meeting

NERTS intimated that the above requirement has been taken into consideration while planning for procurement of SEMs.

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

The quarterly figures of UI and Reactive Accounts were tabled in the meeting by NERLDC. Observations, if any should be sent within 15 days to NERLDC. If no observation is received, the accounts will be taken as final.

8. Agenda items from NEEPCO

8.1 Establishment of requisite Confirmed, Revolving & Irrevocable Letter of Credit by the beneficiaries:

As per the CERC Tariff Regulations, 2009, the beneficiaries are required to open and maintain irrevocable Letter of Credit (LC) to avail 2% rebate for settlement of monthly energy bills on presentation of the same by the generating company. Further, a beneficiary is subjected to regulation of power supply for non-maintenance of Letter of Credit as per the CERC (Regulation of Power Supply) Regulations, 2010. As per the provisions of the Tripartite Agreement (TPA) for payment of current dues, the beneficiaries are required to open & maintain irrevocable LC for an amount equal to 105 percent of their average monthly billing for the preceding 12 (twelve) months.

Beneficiary-wise present status of LC, average monthly billing for the preceding 12 (twelve) months and value of the requisite LC are shown below:

Beneficiary	Status of the existing LC	Av. Monthly billing for the preceding 12	Proposed LC value (105% of column E)

				months (Rs in lakhs)	(Rs in lakhs)
	Value (Rs in lakhs)	Date of expiry	Banker		
(A)	(B)	©	(D)	(E)	(F)
Ar. Pradesh	646.00	31.03.2012	S.B.I.	627.53	658.91
APDCL	845.00 (weekly stand-by)	24.06.2012	S.B.I.	5238.86	5500.80
Manipur	670.00	03.07.2012	S.B.I.	852.38	895.00
MeECL	0.00	Not Applicable		1208.52	1268.95
Mizoram	515.00	07.06.2012	S.B.I.	577.89	606.78
Nagaland	601.75	21.03.2012	Axis Bank	596.48	626.30
TSECL	758.00	30.09.2012	S.B.I.	894.19	974.61

The issue was discussed during the 17th C.C. meeting held on 28.11.2011. But no further progress in the same could be noticed, except for Nagaland who have enhanced their LC value to Rs 601.75 lakhs, though the members presents from the beneficiaries assured to take up the matter with their appropriate authority.

Moreover, APDCL and MeECL are required to open and maintain regular LC of the requisite amount for the following reasons:

- The present LCs of APDCL are weekly stand-by in nature and payments for the energy bills of NEEPCO are not made through the said LCs.
- MeECL do not have any valid LC as on date.

The issue relating to APDCL and MeECL have been discussed during the 14th and 15th C.C. meeting in addition to the 17th C.C. meeting as mentioned above.

Committee may discuss.

Deliberations in the Meeting

The constituents were requested to maintain required amount of LC as per CERC regulation. Otherwise the purpose of LC is defeated. Members agreed to take up the matter with competent authority.

8.2 Huge outstanding dues of The Meghalaya Energy Corporation Ltd (MeECL):

As per the records of NEEPCO, an amount of Rs 149.31 Crores is payable to NEEPCO by the MeECL as on 29.02.2012 on account of sale of electricity, of which dues more than 60 (sixty) days old is Rs 63.55 Crores (excluding the arrear bills on revision of AFC).

MeECL is failing continuously to pay their dues on account of energy bills raised by NEEPCO time to time. NEEPCO have initiated Regulation of Power against MeECL with effect from 03.01.2012, but the quantum of the regulated power not at all sufficient to reduce the huge outstanding due of the beneficiary within the relevant provision of the CERC (Regulation of power supply) Regulations, 2010.

NEEPCO is facing acute financial crunch to meet its day to day expenditure including fuel cost required to operate the power stations. Non payment of such a huge outstanding dues by the beneficiary creating more trouble for NEEPCO. The issue was discussed during the 14th & 16th C.C. meetings, but no improvement could be noticed on liquidation of such dues.

The above is for deliberation to the MeECL requesting them to appraise NEEPCO as well as NERPC on their action plan to clear the said outstanding dues immediately as well as for maintaining regular payment for the monthly energy bills.

Deliberations in the Meeting

The representative of MeECL informed that the issue regarding outstanding dues has already been taken up with the Government of Meghalaya. He assured that the same will be pursued again with competent authority for early settlement.

8.3 Dues on account of arrear bills on revision of tariff 2009-14:

On revision of Annual Fixed Charges (AFC) for RHEP, AGTP, AGBPP, Kopili and Khandong by the Hon'ble Commission as per the Central Electricity Regulatory Commission (Terms and Conditions for Tariff) Regulations, 2009, bills already been raised on the beneficiaries till 29.02.2012 as per the Regulation 5(3) of the aforesaid Regulations are as follows:

Rs in lakhs

Beneficiary	Arrear – RHEP	Arrear – AGTPP	Arrear - AGBPP	Arrear - Kopili	Arrear – Khandong	Total
APDCL	11317.64	2973.90	10129.99	2290.85	1316.05	28028.43
Mizoram	1491.27	404.32	973.14	222.73	102.46	3193.92
Manipur	2187.10	537.12	1456.97	356.67	170.60	4708.46
TSECL	1964.28	1134.76	1237.96	287.42	142.10	4766.52
Arunachal Pradesh	1687.93	405.64	1020.95	250.64	109.03	3474.19
Nagaland	1393.55	365.92	1041.15	296.97	168.15	3265.74
MeECL	2944.58	750.67	2075.62	542.69	279.96	6593.52
Total	22986.35	6572.33	17935.78	4247.97	2288.35	54030.78

Apart from the above, bills for re-imbursement of filing fee & publication fee for Rs 40.19 lakhs relating to RHEP, AGTPP & AGBPP have been raised on the beneficiaries as per the relevant tariff orders issued by the Central Electricity Regulatory Commission (CERC) as follows:

Rs in lakhs

APDCL	Mizoram	Manipur	TSECL	Arunachal Pradesh	Nagaland	MeECL
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20.90	2.39	3.51	3.47	2.59	2.36	4.97

So, total arrear bills already raised on the beneficiaries on revision of AFC for the period of 2009-14 amounts to Rs 54078.97 lakhs, of which payments received till dated are Rs 2422.75 lakhs from the TSECL and Rs 1823.79 lakhs from the DOP, Arunachal Pradesh.

Though as per CERC order dated 26.08.2011 (Suo Moto) on liquidation of arrear bills, the differences between the tariff provisionally billed and the final tariff be liquidated by the beneficiaries in six monthly installments within a period of six months, but no beneficiary complied with the aforesaid order except TSECL and DOP, Arunachal Pradesh, who have settled about 50% of the total arrear bills raised on them.

The issue was discussed during the 16th and 17th C.C. meeting.

The members are requested to communicate their action plan for settlement of the arrear dues.

Deliberations in the Meeting

Representative of NEEPCO informed that the arrear bills of NEEPCO, due to revision of AFC for the period 2009-14, amounts to the tune of Rs 540 crores. As per CERC order, the beneficiaries are required to liquidate the differential tariff in six monthly installments within a period of six months.

The constituents were requested to take up the matter with Government / competent authority and plan for early settlement of the arrear dues.

The beneficiaries agreed to pursue the matter with Government / competent authority to clear the outstanding dues.

8.4 Dues on account of arrear bills on revision of tariff 2006-09 & re-imbursement claims:

Rs in lakhs

Beneficiary	Arrear – Kopili	Arrear – Kopili II	Arrear – RHEP	Arrear - AGBPP	Arrear – AGTPP	Total
APDCL	153.12	121.64	26.70	41.24	50.19	392.89
Mizoram	14.13	15.03	3.44	3.75	7.76	44.11
Manipur	23.38	0.06	5.11	5.82	9.51	43.88
TSECL	19.07	23.16	4.62	4.68	20.40	71.93
Arunachal Pradesh	16.10	15.00	4.38	3.97	7.61	47.06
Nagaland	19.35	13.89	3.24	3.94	6.75	47.17
MeECL	33.04	28.92	6.66	7.22	15.78	91.62
Total	278.19	217.70	54.15	70.62	118.00	738.66

The bills for the above arrear amounts have been raised on the beneficiaries on 13.07.2010. The above arrear payments are required to be settled by the beneficiaries in 03(three) equal monthly

installments as recorded in the CERC orders revising AFC for the period of 2006-09, but no payment has been received on the said bills after expiry of more than 18 months except from Mizoram.

The members from the beneficiaries are requested to look into the matter on priority and settled the same within 31.03.2012.

In addition, beneficiary-wise re-imbursement claims as on 31.03.2009 relating to the period 2004-09 on account of MAT, FERV and Filing fee are as follows:

						Rs in lakhs
APDCL	Mizoram	Manipur	TSECL	Arunachal Pradesh	Nagaland	MeECL
67.63	408.32	2.06	2.28	0.00	3.91	2.69

Since these are very old outstanding dues, the above are for deliberation among the members from the beneficiaries and settlement of the same within the current financial year, i.e., within 31.03.2012.

Deliberations in the Meeting

Representative of NEEPCO informed that as per CERC order, the arrear bills of NEEPCO, due to revision of tariff for the period 2006-09, are required to be settled by the beneficiaries in three monthly installments.

The constituents were requested to take up the matter with Government / competent authority.

The beneficiaries agreed to pursue the matter with Government / competent authority to clear the outstanding dues.

9. Agenda items from APDCL (ASEB)

9.1 Present status of the upcoming generating stations of NER with their ATS:

As intimated in the 12th NERPC meeting the tentative commissioning schedule of following machines are as follows:

Station	Commissioning Schedule
Pallatana, OTPC (2 x 363.3 MW)	#1 – 2 / 12 & #2 – 7 / 12
BTPS, NTPC (3 x 250 MW)	#1 – 8 / 12, #2 – 7 / 13 & #3 – 11 / 13

The forum may kindly take stock of the position and respective agencies may enlighten the forum of the present position.

Deliberations in the Meeting

As there was no representative from OTPC, the commissioning schedule of two units of Palatana Gas based Power station could not be ascertained.

NTPC representative informed that the status of BTPS will be intimated after confirmation from their concerned officials.

10. Agenda items from NERPC

10.1 Maintenance of SEM:

It has been a regular feature that some of the SEM readings are either not sent in time or meters are faulty. NERTS / PGCIL / constituents are requested to monitor the healthiness of meters

Deliberations in the Meeting

NERPC informed that many a times some of the SEM readings are found to be zero / meter reading of one end of the line is not available i.e. meter is faulty. GM NERTS clarified that whenever the discrepancy in the reading of SEMs is informed by NERLDC, NERTS used to rectify such problem.

NERTS was requested to look into such cases and rectify the problem.

10.2 Video conferencing facilities:

The requirement of interaction among SLDCs, RLDC and NLDC is likely to increase manifold in future and regular meetings may not be feasible to discuss various issues, which needs immediate attention. Such situation could be easily handled by installation of Video Conferencing facilities. NERLDC and NLDC are using such facility extensively for closer interaction and the facility is found to be a very effective means of communication and sharing views. Similar system is proposed across RLDC, SLDCs and NERPC. The scheme involves procurement of VC equipment at control centres and links across NERLDC, SLDCs and NERPC. If members agree for above proposal, estimated cost for creation of such facility would be worked out by NERPC and will be put up to TCC / RPC for approval.

Deliberations in the Meeting

The committee agreed with the proposal of NERPC for installation of Video Conferencing facilities. It was also decided that creation of such facility should not impose additional financial burden on constituents. NERPC informed that the project should be funded from PSDF and PGCIL would be consulted while framing the proposal as such facilities are in operation between NLDC and RLDCs. The detail proposal will be put up to RPC for approval.

11. Any other item with permission of the Chair

12. The next Commercial Coordination Sub-Committee meeting will be held in the month of June/July' 2012. The date and venue will be intimated in due course.

It was agreed that the next Commercial Committee Meeting would be held in the month of June/July 2012 and will be hosted by Assam. The date and venue of the meeting will be intimated separately in due course of time.

The meeting ended with vote of thanks to the chair.

Annexure – AList of participants in the 18th Commercial Committee meeting of the NERPC

SN	NAME OF PARTICIPANT	DESIGNATION	e-mail/ Mobile/ Fax
ARUNACHAL PRADESH			
1	W. Rehman	EE (E), SLDC	wezita@gmail.com 9436050735/0360-2214358(Fax)
ASSAM			
1	M. K. Adhikari	DGM	9864049287
2	Kumud Goswami	AGM	kumud_goswami@rediffmail.com 9864020019/0361-2739501(Fax)
3	S. Kaimal	AO	9435114641
MANIPUR			
1	S. Premananda Singh	EE (RED-II)	9856249998
MEGHALAYA			
1	F. E. Kharshiing	EE, SLDC	
2	T. Gidon	AEE, SLDC	
MIZORAM			
	Not represented		
NAGALAND			
	Not represented		
TRIPURA			
1	Arup Gan Chaudhuri	DGM (C&T)	ad_comm@rediffmail.com 0381-2325345 0381-2325345(Fax)
2	Debabrata Pal	SM (Comml)	ad_comm@rediffmail.com 9436500244 0381-2325345(Fax)
NEEPCO			
1	P. C. Barman	DGM (Comml)	barmanpcb@gmail.com 9435144141/0364-2225035(Fax)
2	Rana Bose	Sr. Manager (Fin.)	rana_09@rediffmail.com 9436632123/0364-2225035(Fax)
3	Arup Ch. Sarmah	Sr. Manager (Comml)	Arup.sarmah@rediffmail.com 9436304964/0364-2225035(Fax)
NHPC			
1	Nikka Ram	CE (Comml)	8527072777/0129-2256558 (Fax)
2	K. K. Goel	Sr. Manager (Fin.)	goelkk@nhpc.nic.in 9650088225 0129-2254668(Fax)
3	T. Nimai Singh	Manager (E)	Tnimai_singh@yahoo.in 9436894868/03879-261740(Fax)
4	R. C. Singh	Manager (E)	loktakphem@gmail.com 9436894889/03879-261237(Fax)
5	M. D. Faruque	Dy. Manager (Comml)	mdfaruque@nhpc.nic.in 9871992115/10292256558(Fax)

Annexure – AList of participants in the 18th Commercial Committee meeting of the NERPC

SN	NAME OF PARTICIPANT	DESIGNATION	e-mail/ Mobile/ Fax
NTPC			
1	G. C. Mohapatra	Sr. Manager	g_mohapatra1@rediffmail.com 9437049372
NERTS (PGCIL)			
1	A. Patir	General Manager (C)	9436302529
2	P. C. Bhagawati	Chief Manager (Comml)	bhagawati1956@gmail.com 9436302809
3	Rashmi Boro	Engineer	boro.rashmi@gmail.com 9436335234
NERLDC			
1	T. S. Singh	AGM	tssingh@rediffmail.com 9436302717
2	R. Sutradhar	CM (MO)	rajib_shg@hotmail.com 9436302714
3	S. Shadrudin	Manager	shadru786@gmail.com 9436335380
NERPC			
1	P. D. Siwal	Member Secretary I/C	pdsiwal@yahoo.com 9436998378
2	A. K. Mishra	S. E (O))	akmishra1956@rediffmail.com 9402134275
3	S. K. Ray Mohapatra	S. E (C)	skrmohapatra@rediffmail.com 8794737857 0364-2520038/03642520030(Fax)
4	D. K. Bauri	E. E	dinesh_iisc@rediffmail.com 9863317236
5	S. M. Aimol	E. E	shialloa@yahoo.com 8974002106
Special Invitees			
1	S. Kejriwal	E. E, ERPC	sshyam1079@rediffmail.com 9831919509
2	S. Paul	E. E, ERPC	subhro@engineer.com 9874919946

Presentation in 18th. Commercial Committee meeting of NER



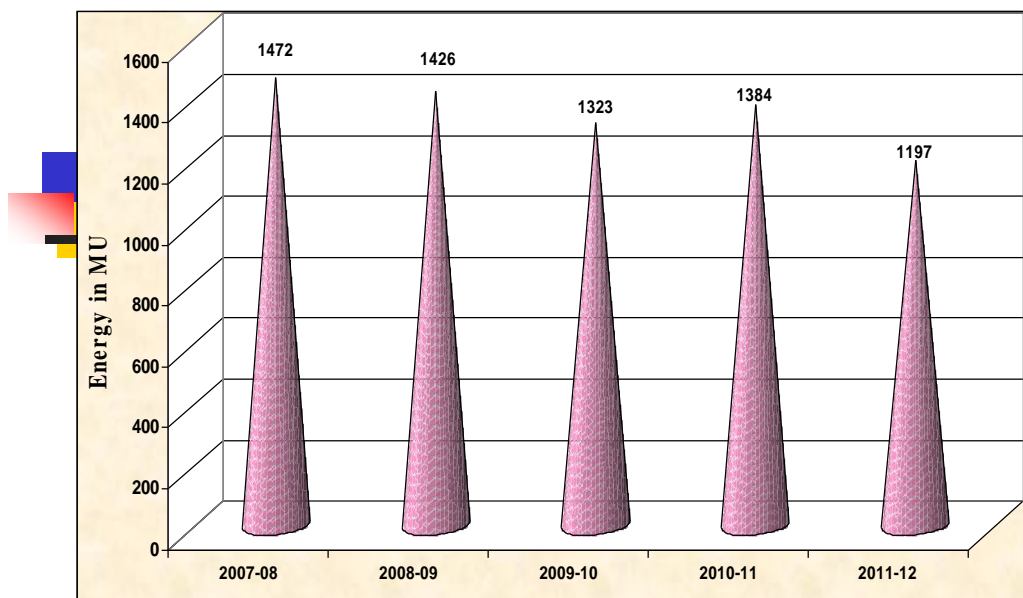
NERLDC, POSOCO

14th Mar, 2012

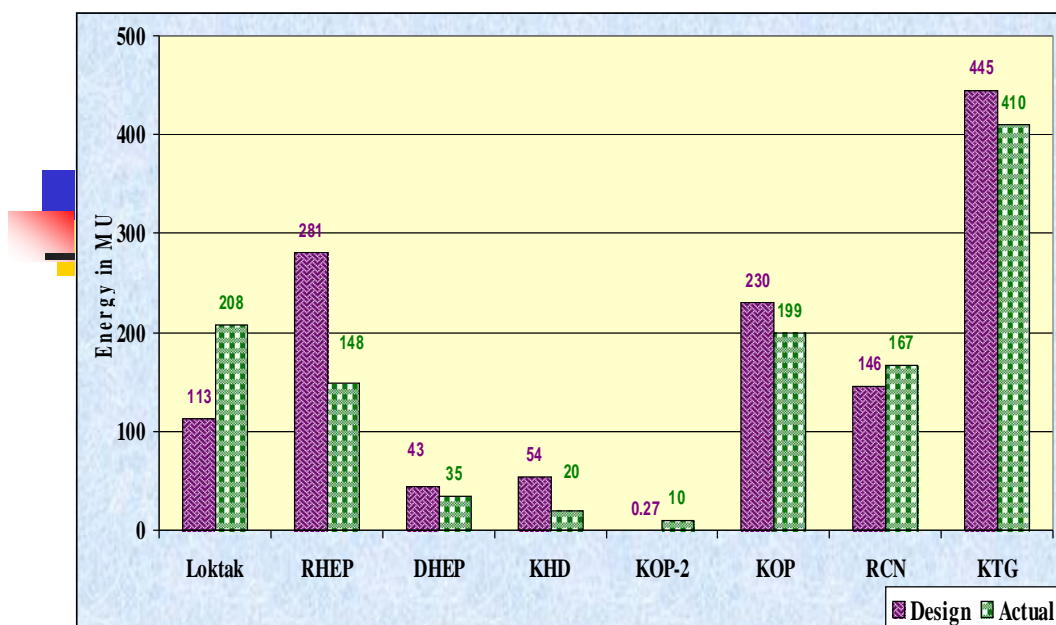
**Overview of power scenario in
NER during
October to December**



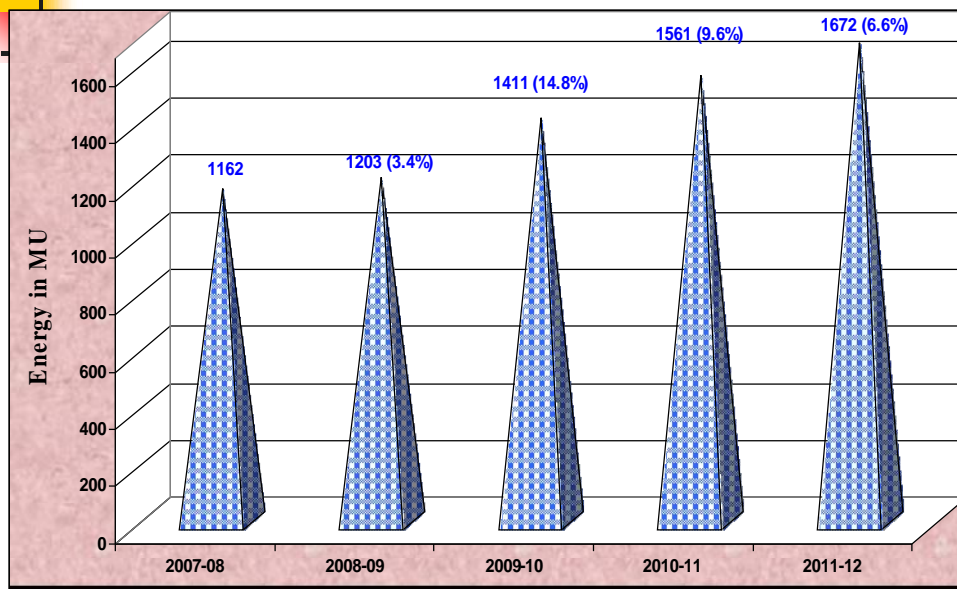
ISGS Generation : NER (Oct to Dec)



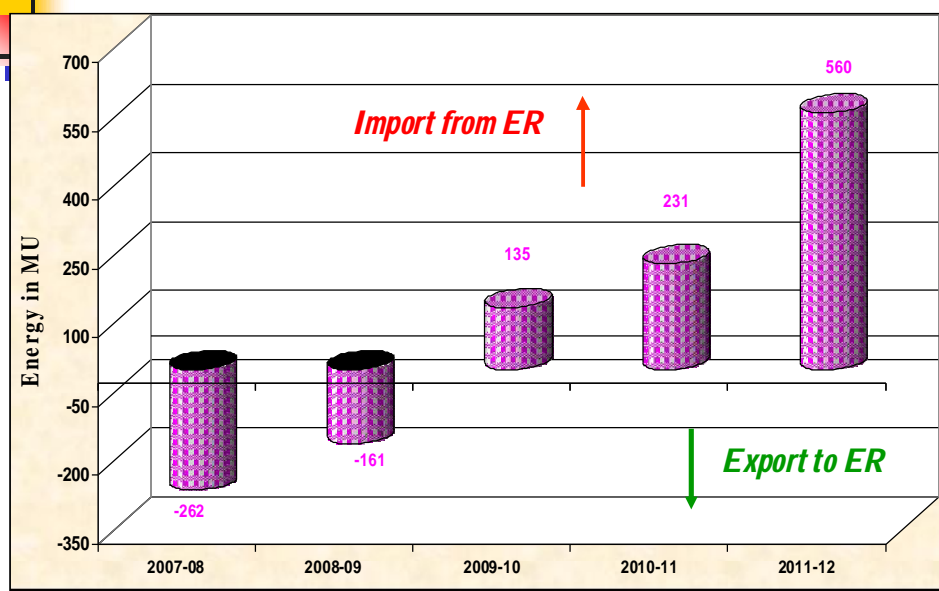
ISGS Target Vs Actual Gen. (Oct'11 to Dec'11)



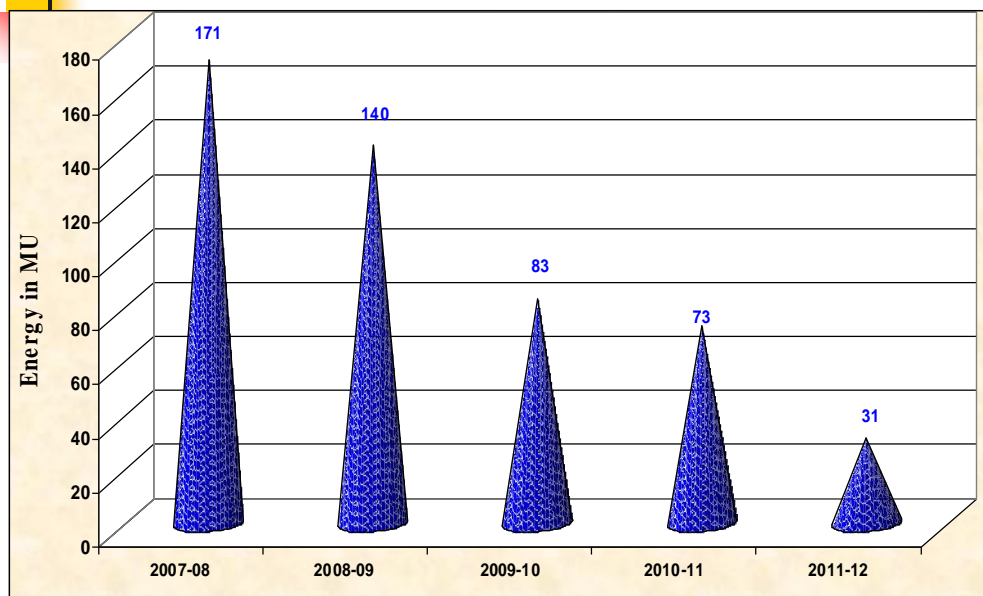
Energy Drawal by NER states (Oct to Dec)



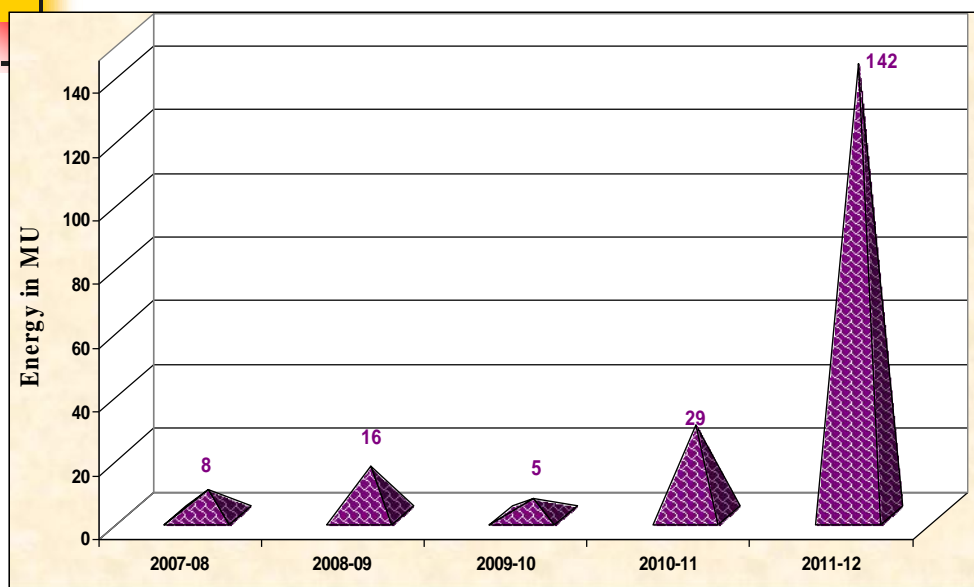
Energy Exchange with ER (Oct to Dec)



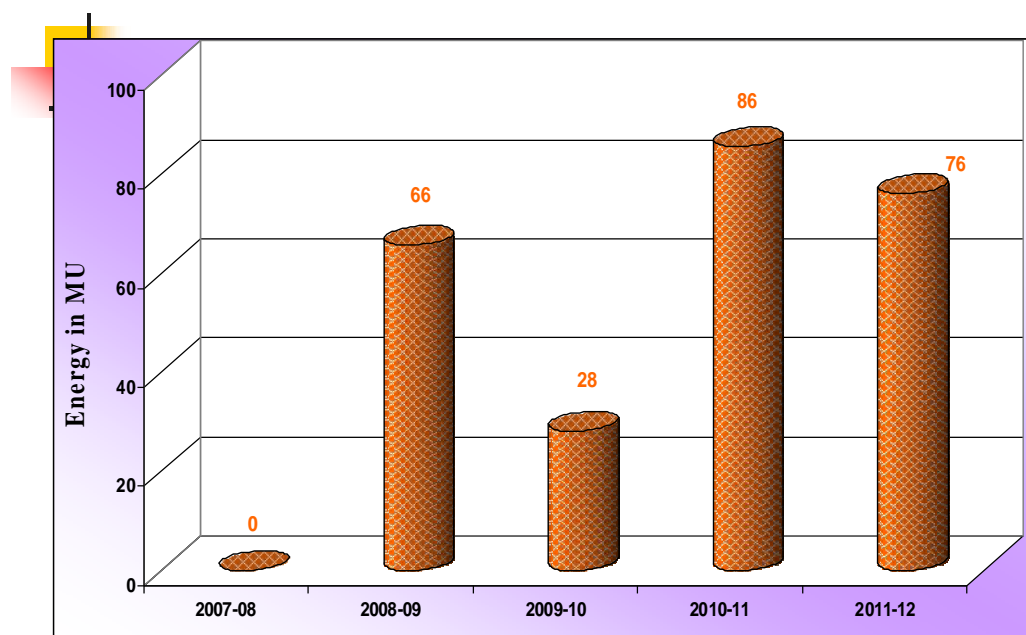
Bilateral Sale by NER states (Oct to Dec)



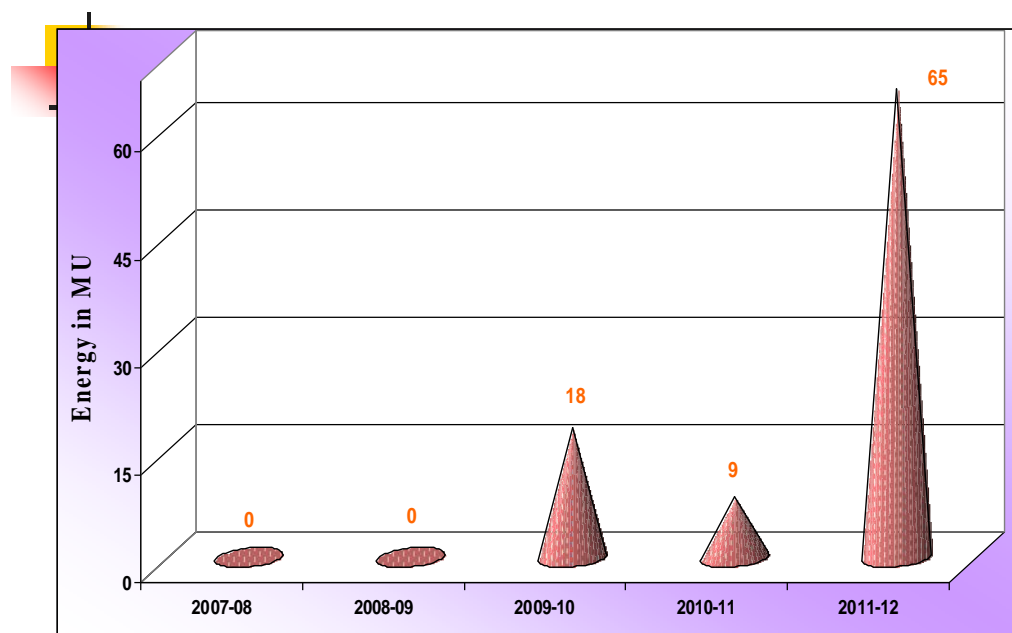
Bilateral Purchase by NER states (Oct to Dec)



Sale through PX by NER states (Oct to Dec)



Purchase through PX by NER states (Oct to Dec)



UI outstanding for FY 2011-12 (As on 09/03/12)

<u>Amount in Lakhs</u>										
NAME OF UTILITY	CUMULATIVE RECEIVABLE UPTO Wk-48 of FY 11-12 (i.e. upto 26.02.12)	CUMULATIVE PAYABLE UPTO Wk-48 of FY 11-12 (i.e. upto 26.02.12)	UI AMOUNT RECEIVED FROM THE POOL (by NER Const. till Wk-28(part) & by ER till Wk-36(part) of 11-12)	UI SURPLUS AMOUNT RECEIVED FROM POOL	TOTAL AMOUNT RECEIVED FROM POOL INCLUDING DIFFERENTIAL	UI AMOUNT PAID TO THE POOL	Additional UI Charge payable to pool from Week-01 of 2009-10 till Wk-46 of 2011-12 (upto 12.02.12)	ADDITIONAL UI CHARGE PAID TO POOL	BALANCE UI INCL. ADDITIONAL UI CHARGE PAYABLE TO POOL	BALANCE UI RECEIVABLE FROM POOL AFTER SETTLEMENT OF DIFFERENTIAL
	(1)	(2)	(3)	(4)	(5)=(3)+(4)	(6)	(7)	(8)	9=(2+7-6-8)	10=(1-5)
AP	840.98598	3063.66285	795.48543	45.50055	840.98598	1303.88020	390.82443	248.64379	1901.96328	0.00000
ASSAM	2255.02198	2549.71867	1530.65933	14.08388	1544.74321	1379.31790	674.61845	390.35748	1454.66174	710.27877
MANIPUR	2695.58354	742.56219	2145.41074	472.31190	2617.72264	565.76542	194.39675	174.44841	196.74511	77.86090
MEGHALAYA	1308.95135	3410.16465	1158.86578	135.99088	1294.85666	715.75599	375.82210	251.53628	2818.69447	14.09470
MIZORAM	185.68678	2815.54643	185.68678	93.93963	279.62641	1788.68375	269.09930	143.93416	1152.02782	-93.93963
NAGALAND	446.35686	1958.44069	361.87027	0.00000	361.87027	549.90396	688.80009	361.59980	1735.73702	84.48659
TRIPURA	1221.09983	220.64842	721.08770	225.75901	946.84671	135.41268	217.25211	203.57078	98.91707	274.25312
NHPC	250.15313	24.60996	184.28670	36.39728	220.68398	24.60996	0.00000	0.00000	0.00000	29.46915
NEEPCO	1216.44766	465.72295	924.90316	146.73829	1071.64145	443.67000	61.14623	61.14623	22.05296	144.80620
ER	10034.8515	6416.84449	4097.74564	223.89247	4321.63811	6336.1748	0.00000	0.00000	80.6697	5713.21341
Pool Differential	1212.7827	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1394.6139
TOTAL	21667.9213	21667.9213	12106.0015	1394.6139	13500.6154	13243.1746	2871.9594	1835.2369	9461.4692	8349.1371

Outstanding Reactive Charges payable to pool

As on 08.03.12

Amount in Rs

State	Principal	Net Interest	Total
Ar. Pradesh	1080755	212671	1293426
Assam	0	10428799	10428799
Manipur	1201699	31906	1233606
Meghalaya	1063295	142502	1205797
Mizoram	2866757	133191	2999948
Nagaland	1773057	913722	2686779
Tripura	0	0	0
Total	7985563	11862792	19848354

Status of Billing & Collection – NERLDC Fees and Charges

As on 08/03/12

SI No.	User Name	Regn. Status	LC Status	Total Billed amount	Total Realisation	Total Outstanding
1	NERTS	Yes	No	12332548	12332549	-1
2	NEEPCO		Yes	64402476	60244935	4157541
3	LOKTAK	Yes	No	6773750	6332589	441161
4	Ar. P'sh	Yes	No	6949147	5029474	1919673
5	Assam	Yes	No	30381532	30166259	215273
6	Manipur	Yes	No	6608316	4458974	2149342
7	Meghalaya	Yes	No	9646099	2500000	7146099
8	Mizoram ¹	Yes	No	4718093	3794698	923395
9	Nagaland ²	Yes	No	5860712	5876018	-15306
10	Tripura	Yes	No	5720533	5720533	0
				153393206	136456029	16937177

**NERLDC other
ISSUES & CONCERNS**

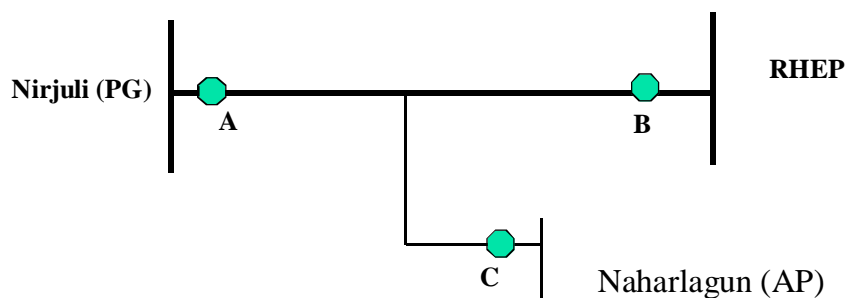
NERLDC Issues :

- UI disbursement in NER : Rs. 1 Cr. And above (within 2 working days)
- Procurement of SEM with 0.01 Hz step size.
- Procurement of SEMs for NER : 116 nos. SEM & 50 nos. DCD
- Non-submission of weekly SEM data : Deomali & Mokokchung

NERLDC Issues :

contd...

- Malfunctioning of SEM at Naharlagun



C = SEM at Naharlagun is not working properly.

(B-A) = Consumption of Naharlagun Feeder

NERLDC Issues :

contd...



- Non-availability of SEM in both ends of ISTS elements :
 - ☞ Balipara end of 400kV Balipara-Bongaigaon D/C
 - ☞ Misa end of 220kV Misa-Dimapur D/C
 - ☞ Badarpur end of 132kV Badarpur-Kumarghat
 - ☞ Haflong end of 132kV Haflong-Jiribam
 - ☞ Jiribam end of 132kV Jiribam-Badarpur
 - ☞ Imphal end of 132kV Dimapur-Imphal
 - ☞ HV side of 220/132kV Dimapur ICT-II



Thank You