



भारत सरकार
Government of India
उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee
“Meghalaya State Housing State Financing Society Ltd”
Nongrim Hills Road, Shillong – 793 003

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No.: 103/2/NERPC/OCC/2008/5492-5525

Dated: 15th February, 2008
18th

- 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. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
 4. Chief Engineer (EE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
 5. Chief Engineer (P&E), Department of Power, Govt. of Nagaland, Kohima – 797 001
 6. Chief Engineer (P), Electricity Department, Govt. of Manipur, Keishampat, Imphal – 795 001
 7. Chief Engineer (P&E), Department of Power, Govt. of Mizoram, Aizawl – 796 001
 8. General Manager (Tech.), TSECL, Agartala – 799 001
 9. General Manager, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
 10. AGM (O&M), NERTS, PGCIL, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
 11. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
 12. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
 13. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
 14. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
 15. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066
 16. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
 17. Member Secretary, EREB, 14 Golf Club Road, Tollygunge, Kolkata-700033
 18. Chief Engineer, GM Division, CEA, Sewa Bhawan, RK Puram, New Delhi – 110066

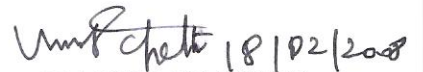
Sub: Minutes of the 23rd OCC meeting held on 08/02/2008 at Shillong.

Sir,

The Minutes of the 23rd OCC meeting of NERPC held on 08/02/2008 at “NERTS Conference Hall”, Shillong is enclosed for favour of kind information and further necessary action please.

Encl.: As above

भवदीय / Yours faithfully,


(A. MAGUDAPATHI)
सदस्य सचिव / Member Secretary

Copy to:

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. Head of SLDC, ASEB, Bijuli Bhavan, Guwahati - 781001
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. (Trans & Dist), Department of Power, Govt. of Mizoram, Aizawl – 796 001
16. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl – 796 001

North Eastern Regional Power Committee

Minutes of 23rd Operation Coordination Committee Meeting

Date: 08/02/2008

**Venue: “NERTS Conference Hall”, Shillong
(Hosted By PGCIL)**

Shri A. Magudapathi, Member Secretary, NERPC welcomed all the participants to the 23rd OCC meeting. He conveyed his sincere thanks to PGCIL in hosting the meeting and making excellent arrangements.

The meeting was started with the presentation by NERLDC on the performance of power system scenario of the region in the month of January, 2008.

During presentation GM, NERLDC observed that on RHEP there was a delay in bringing and withdrawal the generators on bar, due to this there may be some UI payment. Assam enquired whether this will affect the constituents. NERLDC informed that no such problem will occur even if they generate less because the power will flow from ER. It is also observed that the generator of AGBPP is always more than DC. NEEPCO representative stated that they will intimate this with their site office. GM, NERLDC requested NEEPCO authorities to look in to this matter and asked them to give realistic figures.

Assam has been appreciated for their grid discipline and well maintained/managed of their system.

In regard to Meghalaya it was observed that there were lots of variations in their drawal on day to day basis. It was not possible to understand their pattern of drawal/load.

In regard to Tripura it was observed that the schedule was always less than drawal. Tripura representative informed that was due to their bilateral.

AGTPP has been observed that on 20.01.2008 while their Declared Capacity was 84 MW then they suddenly revised to 76 MW. But when the R.C. Nagar – Kumarghat line was shutdown they increased their DC to 85 MW which was not proper. The same was repeated on 02.02.2008. NERLDC has advised not to repeat again otherwise they will take up the matter. NEEPCO representative has informed that they will take up the case with the officers of AGTPP.

The grid performance is enclosed in ANNEXURE – II.

Then the agenda were taken up. List of participants is at Annexure – I

1. Confirmation of the minutes of 22nd OCC meetings held at Guwahaty.

The minutes are taken as confirmed as there were no observations or comments by any other constituent members.

2. Additional requirement of DCD for downloading of SEM Data in Control Room at RHEP – NEEPCO

NEEPCO informed that the meter installed was not functioning just after downloading one data. MS NERPC requested PGCIL to look into the matter on priority basis. PGCIL informed that the old DCD has been given to NEEPCO but they assured that they will replace the old DCD with the new one as soon as they receive the new DCDs.

NEEPCO representative enquired about the status of Time Synchronization of L&T meters. MS NERPC read the letter sent by Chief Manager (OS), PGCIL that the time adjustment in the meter is done using DCD only and there exists no software based correction. The same aspect was conveyed by L & T representatives during installation of meters at RHEP. The correction shall be done by manually. However, during the visit of PGCIL representatives from Nirjuli Sub Station on 07.01.2008 they have told representatives of RHEP not to do any time adjustment through DCD. MS, NERPC then requested PGCIL to

(a) provide DCD at the earliest

(b) to demonstrate the procedure of time synchronization of new DCDs.

(c) Take action to procure new DCDs.

PGCIL informed that they already visited RHEP and demonstrated them, but still they will visit again and demonstrate once again. Regarding the new procurement of new DCD they informed that procurement of new DCDs have already been approved and it may take 2 to 3 months to receive after placement of order.

GM, NERLDC requested that they should have adequate number of spare DCDs at stores and requested them to provide at least two (2) numbers of spare DCDs for each generating station.

NEEPCO representative requested that the same should be provided to Doyang HEP since monsoon is approaching. GM, NERLDC requested to provide new DCD to each hydro station on priority basis.

3. Maintenance of 220 KV Samaguri – Misa Line I & II. - Assam

PGCIL informed that the matter has already been discussed with ASEB officers and the matter will be resolved bi – laterally. Assam representatives have also agreed for the same. PGCIL also requested Assam to co-operate with them whenever they need their assistance to maintain the line. Assam representatives have also agreed.

4. High Voltage problem experienced in N. E. Region - NERLDC

In regard to Voltage Profile at major Sub Stations it was observed that the voltage at RHEP is above the permissible value of IEGC. NEEPCO representatives informed that this is long pending issue to provide the Reactor at a suitable place. Member Secretary informed that several times NERPC secretariat had fixed the dates to visit RHEP and Balipara Sub Station, however due to law and order problem in that region the matter was kept postponing from time to time. MS, NERPC enquired NEEPCO representatives the convenient date to visit. NEEPCO replied that they are ready to receive them but they should be intimated at least 3 days before the date of inspection.

NEEPCO opined that the installation of Reactor at RHEP is not the only solution but requested the forum to study thoroughly which is the most convenient place to install the Reactor and find a permanent solution to this problem.

MS, NERPC informed that the date of visit to RHEP and Balipara Sub Station will be finalized and the same will be intimated to NEEPCO, NERLDC and PGCIL. He stated that after the inspection of these sites the issue may be resolved.

5. Installation of Bus Reactor at Kathalguri - NERLDC

NEEPCO informed that Kathalguri has no mechanism to control the voltage and therefore requested NERPC to take up the matter with CEA to study thoroughly and find a permanent solution.

MS, NERPC informed that they will take up the matter with CEA.

6. Replacement of CTs with higher capacity CTs at Samaguri end of 220 KV Balipara-Samaguri line - NERLDC

NERLDC informed that this issue has already been discussed in the last 22nd OCC meeting but recently NERLDC has received the information that Assam is not keen to replace the C.T.

Assam informed that due to fund constraint it may be difficult for them to replace the CT immediately and more over this line is used for back up during emergency only and normally there is no appreciable power flow on this line.

NERLDC stated that the cost of CT is around 9 – 10 lakhs only. So replacement of CT will help Assam to draw more power through this line in case of contingency.

Assam informed that they will look into the matter and the same will be reviewed.

7. Status of restoration of 132 KV Mariani – Mokokchung, 132 KV Jiribam – Loktak – I and 220 KV BPTS – Agia – Sarusajai – I lines - NERLDC

Assam informed that they will look into the matter to restore the 220 KV BPTS – Agia – Sarusajai – I line. Since Manipur was not present, the status of 132 KV Jiribam – Loktak – I line could not be discussed. Nagaland representative informed that they will look into the matter for restoration of the 132 KV Mariani – Mokokchung.

8. Generation planning - NERLDC

- (i) Khandong Unit – II: 10th December, 2007 - 09th February, 2008 (under Shutdown) which may extend further up to 25th February, 2008.
- (ii) Kopili Unit – I: 3rd January, 2008 – 13th February, 2008 (planned) which may extend up to 15th March, 2008. Due to security reasons and other constraints, the working hours are reduced to 3 – 4 hours per day and requested members to bear with NEEPCO as the situation is known by all.
- (iii) Kopili Unit – II: 6th February – 15th March, 2008, the other units will be available.
- (iv) DHEP Unit – I: 17th January, 2008 – 9th February, 2008 which may come back on service on 10th February, 2008 or if delay at least by one day after 10th February, 2008.
- (v) RHEP Unit – II: 5th February, 2008 – 20th February, 2008, the unit may be back by 10th February, 2008.
- (vi) Loktak Unit – III: 25th January, 2008 – 9th February, 2008 which is already been synchronized.
- (vii) DHEP Unit – III shutdown program from 6th March, 2008 – 29th March, 2008. Complete shutdown from 9th March – 12th March, 2008.
- (viii) Khandong & Kopili Unit – II = 0.209 MU/day, Kopili = 2.376 MU/day, DHEP = 0.12225 MU/day, Loktak = 1.149 MU/day, RHEP depends on inflow, AGBPP & AGTPP as per usual practice depending on gas supply.

**9. Outage Planning for Generator & Transmission elements.-
NERLDC**

Refer Annexure – III

10. Review of Grid Performance in the Previous Month - NERLDC

NERLDC presented the details regarding the performance of the grid for the month of January, 2008 before taking up the agenda items.

11. Distribution Reforms, Upgrades & Management (DRUM) Training Program - NERPC

MS, NERPC informed the forum that Engineering Staff College of India will be conducting a 5 day DRUM training program on “Best Practices in Distribution Loss Reduction” from 25 – 29 February, 2008 at ESCI Campus, Gachi Bowli, Hyderabad and the cost of each participant inclusive of all accommodation, boarding, faculty fees, kits etc is Rs. 7500/=. Constituent members who like to participate the training program may take up the matter with their management.

13. Any other point: Dimapur – Bokajan Line - Assam

Nagaland informed that the transformer has been sent to Mumbai for repairing and the cost of repairing is about one crore. It was informed that the approval is still awaited from the Government, Nagaland representative informed that the approval is not likely to materialize as the cost of repairing is more or less equivalent to that of new transformer. Nagaland informed that they proposed to procure a transformer capacity 200 MVA either a single 200 MVA or 2 x 100 MVA. Accordingly the status will be intimated later on. Nagaland requested that proper metering should be installed at Bokajan end by Assam.

Assam replied that the metering has already been installed at Bokajan, the matter is pending with Nagaland end only.

12. Date and venue of next OCC Meeting.

The next meeting will be hosted by MANIPUR as per their turn. The Date for the next OCC has been fixed on 11th March, 2008. The venue of the meeting will likely be at NERTS or NERLDC Conference Hall, Shillong. However the exact venue will be intimated in due course.

List of participants in 23rd Operation Co-ordination Committee meeting: -

Arunachal Pradesh

1. Bar Takum, SE (E)
2. W. Rehman, EE (E)

Assam

1. H.C. Phukan, DGM (Com-T)
2. H. Hazarika, DGM, SLDC
3. A. K. Saikia, Sr. Manager, SLDC
4. K. Goswami, Sr. Manager (Coml.)

Meghalaya

1. T. Passah, SE (SLDC)
2. S. S. Kharmih, EE (SM)
3. A. Kharpan, EE (SLDC)

Nagaland

1. Moa Aier, EE (Trans)

Tripura

1. Debarata Pal, Manager (Coml)

NEEPCO

1. Arup Ch. Sarmah, Sr. Mgr (E), Coml.
2. D. Choudhury, Sr. Mgr (E), Coml.
3. B. Goswami, Sr. Mgr (E), DHEP
4. P. Konwar, Sr. Mgr (E)
5. B. Goswami, Sr. Mgr (E)
6. O. P. Prasad, A.E (E)

NERLDC

1. L. K. Kanungo, G.M.
2. N. R. Paul, Chief Manager
3. R. Sutradhar, C.M (Comml)
4. S. Sardar, Manager
5. M. Hussain, Manager
6. R. K. Bhai, Dy. Manager
7. S. K. Saha, Dy. Manager

NERTS (POWERGRID)

1. A. Patir, A.G.M (O&M)
2. Utpal Sharma, Chief Manager
3. A. K. Das, Manager
4. S. Das, Dy. Manager

NERPC

1. A. Magudapathi, Member Secretary
2. B. Lyngkhoi, Assistant Secretary
3. R. M. Rangarajan, E.E
4. Lalrinsanga, E.E
5. G. Medhi, A.E

Annexure – II (1/2)**Proposed Shut down Program of POWERGRID Elements for the month of Jan, 08**

S/N	NAME OF T/L	S/D DATE	S/D TIME	PURPOSE	FEEDERS AFFECTED
1	220 KV Misa-Kathalguri	18.01.08& 19.01.08	08:00hrs to 16:00hrs	AMP	Misa-Kathalguri
2	220 Kopili-Misa-I	30.01.08& 31.01.08			Kopili-Misa-I
3	220 Kopili-Misa-II	10.01.08& 11.01.08			Kopili-Misa-II
4	220 KV Misa-Samaguri-I	NOT- Required			NOT-REQUIRED
5	220 KV Misa-Samaguri-II	23.01.08& 24.01.08			Misa-Samaguri-II
6	132 KV Badarpur-Kolasib	22.01.08& 23.01.08			Badarpur-Kolasib
7	132 KV Imphal-Imphal	22.01.08& 23.01.08			Imphal-Imphal
8	132 KV Jiribam-Aizawl	18.01.08			Jiribam-Aizawl
9	132 KV Jiribam-Loktak-II	25.01.08			Jiribam-Loktak-II
10	132 KV Loktak-Imphal-II	18.01.08& 19.01.08			Loktak-Imphal-II
11	132 KV Khandong-Khlieriat-I	22.01.08& 23.01.08			Khandong-Khlieriat-I
12	132 KV Kumarghat-RC Nagar	NOT AGREED			NOT AGREED
13	132 KV Ranganadi-Itanagar	21.01.08			Ranganadi-Itanagar
14	132 KV Khandong-Kopili	27.01.08			Khandong-Kopili

****Note:** All the associates bays maintenance would be done during the S/D of respective Transmission lines

Annexure – II (2/2)

S/D Program for POWERGRID sub-stations/Bays/ICTs/Reactors:-

S/N	NAME OF SUB-STATION/BAYS/ICT/REACTOR	S/D DATE	S/D TIME	PURPOSE	AREAS/FEEDERS AFFECTED	
1	400 KV, 50 MVAR Bus Reactor-II, Bongaigaon	24.01.08& 25.01.08	08:00 hrs to 15:00 hrs	AMP	Reactive power of 50 MVAR	
2	400 KV Bus-I at Bongaigaon	22.01.08& 23.01.08	09:00 hrs to 17:00 hrs		400 KV Bus-I	
3	220 KV Transfer Bus Coupler at Misa	21.01.08	08:00 hrs to 14:00 hrs		220 KV TBC	
4	33 KV Bus at Nirjuli	After 26.01.08	08:00 hrs to 16:00 hrs		33 KV Supply to AP	
5	132/33KV ICT-I Nirjuli				Load Restriction	
6	132/ 33KV ICT-II Nirjuli					
7	132 KV Dimapur (Naga) Bay Dimapur S/S	17.01.08& 18.01.08	Consent from Nagaland		132 KV Supply to Nagaland	
8	132 KV Bus Coupler Bay at Dimapur	21.01.08& 22.01.08			Nil	
9	220 KV Bus-A at Dimapur	23.01.08& 24.01.08			08:00 hrs to 16:00 hrs	Nil
10	220 KV Bus-B at Dimapur	28.01.08& 29.01.08			Nil	

As approved in the 21st OCC

05.12.2007

The Maintenance Programme for Hydro Units of NEEPCO for the year 2007-08Kopili HE Project

Unit No.	Shut Down Period		Total no. of days	Reason
	From	To		
** Khandong Unit - II	10.12.2007	25.01.2008	45	Annual plan Maintenance & Repairing of GV
Khandong Unit - I	01.02.2008	29.02.2008	29	Annual plan Maintenance
*Kopili Unit - IV	30.11.2007	05.01.2008	35	Annual plan Maintenance & Gen. Transformer Problem
Kopili Unit - III	27.12.2008	19.01.2008	25	Annual plan Maintenance
Penstock - II will be under shut down 27.12.08 to 04.01.2008 for attending expansion joints				
Kopili Unit - I	28.01.2008	21.02.2008	24	Annual plan Maintenance & residual works of MIV
Kopili Unit - II	28.01.2008	20.03.2008	45	Annual plan Maintenance & repairing of MIV
Penstock - I will be under shut down 28.01.2008 to 21.02.2008 for attending expansion joints & MIV of U #2				
W.e.f. 25.02.2008 to 25.04.2008 units of Kopili will be under shut down during 08:00 hrs to 16:00 hrs for replacement of trash rack of Umromg tunnel intake.				
KHEP Stg -II Unit	01.04.2008	30.04.2008	30	Annual plan Maintenance

Doyang HE Project

Unit No.	Shut Down Period		Total no. of days	Reason
	From	To		
DHEP-I	17.01.2008	09.02.2008	24	Annual plan Maintenance
DHEP-III	01.03.2008	21.03.2008	21	Annual plan Maintenance
All three units will be under shut down 01.03.2008 to 04.03.2008 for attending MIV seal of U # 3				

Ranganadi HE Project

Unit No.	Shut Down Period		Total no. of days	Reason
	From	To		
** RHEP-I	05.12.2007	20.12.2007	15	Annual plan Maintenance
RHEP-II	05.01.2008	20.01.2008	15	Annual plan Maintenance
RHEP-III	01.02.2008	15.02.2008	15	Annual plan Maintenance

** APM of these units were discussed and approved in OCC Meeting held on 06.11.2007

* Kopili U# 4 is already put under forced shut down.