



भारत सरकार Government of India

विद्युत मंत्रालय Ministry of Power

उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

मेघालया स्टेट हाउसिंग फिनांस को-आपरेटिव सोसायटी लि. बिल्डिंग

Meghalaya State Housing Finance Co-Operative Society Ltd.

Building

नांग्रिम हिल्स, शिल्लोंग - 793003

Nongrim Hills, Shillong - 793003.



(आई.एस.ओ.: 9001.2000)

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No. NERPC/AS/OCC/2010/ 767-801

Date: 18th August, 2010

To,

1. Managing Director, AEGCL, Bijuli Bhawan, Guwahati - 781 001
2. Director (Distribution), Me. ECL, Lumjingshai, Short Round Road, Shillong - 793 001
3. CGM, (LDC), SLDC Complex, AEGCL, Kahelipara, Guwahati-781 019
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. Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Aizawl - 796 001
7. Chief Engineer (P), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
8. Chief Engineer (P), Department of Power, Govt. of Nagaland, Kohima - 797 001
9. General Manager, TSECL, Agartala - 799 001
10. ED (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. AGM, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
16. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
17. Chief Engineer, GM Division, Central Electricity Authority, New Delhi - 110066

Sub: Minutes of the 53rd OCC Meeting held on 6th August, 2010 at Shillong.

The Minutes of the 53rd OCC Meeting of NERPC held on 06.08.2010 at "NERLDC Conference Hall", Shillong is enclosed for favour of kind information and necessary action please.

The minutes is also available on the website of NERPC www.nerpc.nic.in

Encl: As above

भवदीय / Yours faithfully,

बी. लिंगखोई 18/8/2010

(बी. लिंगखोई / B. Lyngkhoi)

सहायक सचिव / Assistant Secretary

Copy to:

1. Chief Engineer, AEGCL, Bijuli Bhavan, Guwahati - 781001
2. Chief Engineer, APGCL, Bijuli Bhavan, Guwahati - 781001
3. MD, CA DISCOM, Bijuli Bhavan, Guwahati - 781001
4. MD, UA DISCOM, Bijuli Bhavan, Guwahati - 781001
5. MD, LA DISCOM, Bijuli Bhavan, Guwahati - 781001
6. S.E. (Trans. & Dist), MeSEB Lumjingshai, Short Round Road, Shillong - 793 001
7. Head of SLDC, MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
8. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
9. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima - 797 001
10. Head of SLDC, Department of Power, Dimapur, Nagaland
11. A.C.E. (Power-I), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
12. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
13. S.E. (Trans & Dist), Department of Power, Govt. of Mizoram, Aizawl - 796 001
14. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl - 796 001
15. Head of SLDC, TSECL, Agartala - 799 001
16. Chief Engineer(Elect), Loktak HEP, Vidyut Vihar, Kom Keirap, Manipur- 795124

North Eastern Regional Power Committee

MINUTES OF THE 53rd

OPERATION COORDINATION SUB-COMMITTEE MEETING OF NERPC

Date: 06/08/2010 (Friday)

Time: 10:30 hrs

Venue: "NERLDC Conference Hall," Shillong.

The List of Participants in the 53rd OCC Meeting is attached at **Annexure - I**

Shri P.D. Siwal, Member Secretary (I/C), NERPC welcomed all the participants of the 53rd OCC. He briefed about the Task Force formed by the Commission (CERC) and its activities and projects for utilization of the funds collected in the various pool accounts maintained by RLDC/NLDC. He also expressed satisfaction about the active participants by various organizations and requested all to participate in the discussion for fruitful result.

Thereafter Member Secretary I/C requested Shri. B. Lyngkhoi, Assistant Secretary, NERPC, to take up the agenda items for discussion.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 51st MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

Shri Lyngkhoi mentioned that the minutes of the 52nd meeting of the OCC held on 16th July, 2010 at Kohima were circulated to all the concerned, vide letter no. NERPC/AS/OCC/2010/2086 – 120, dated 23rd July, 2010. He informed that NERLDC vide letter No: NERLDC/RPC/10-11/1/1924 dated 03.08.2010 has furnished comments on Item No. D/9 (ii) & D.9 (iii) of the Minutes as below:

Minutes Recorded: AGM, NERLDC briefed about the implementation of new IEGC by CERC w.e.f. 01.01.2011. He stated that CERC would furnish the CDs for calculation of pricing and the same would be followed by RLDC. He informed that the functions of SLDCs would play very important role after implementing of new

IEGC (especially ISTS) and hence SLDCs should be fully equipped for meeting up these new challenges.

Minutes to be modified: D.9 (ii): AGM, NERLDC briefed about the implementation of new transmission line pricing and loss allocation regulation of CERC which will be effective from 01.01.2011. He stated that CERC would provide the software for calculation of transmission pricing and loss allocation and the same would be followed by constituents of NER. He further informed that the functions of SLDC would play very important role after implementing of the new regulation of "sharing of Inter-state transmission charges and losses" and hence SLDCs should be fully ready for meeting up these new challenges.

Minutes Recorded: Extension.

Minutes to be modified: D.9 (iii): Exemption.

With the above amendments the Minutes of the 52nd OCC Meeting was confirmed as no comments or observations were received from any of the constituents.

ITEMS FOR DISCUSSION

B. Operational Performance & Grid Discipline during July, 2010.

Assistant Secretary, NERPC requested the NERLDC to give presentation on the grid performance for the month of July, 2010. The NERLDC gave presentation that included the following key parameters:-

- i) **Average frequency** during July, 2010 was 49.82 Hz, the same as recorded in the previous month (i.e., 49.82 Hz in June'10).
- ii) **Minimum frequency** in July, 2010 was 48.71 Hz (16.07.10 at 21:18 hrs) compared to 48.77 Hz in the previous month.
- iii) **Maximum frequency** was 50.72 Hz (05.07.10 at 04:03 hrs), the same as recorded in the previous month (i.e., 50.72 on 06.06.10 at 18:07 hrs in June'10).

- iv) **System frequency** remained within permissible range of 49.5 Hz to 50.2 Hz for 84.27 % of the time, below 49.5 Hz for 9.88 % and above 50.2 Hz for 5.85 % of the time as compared to 89.57%, 06.37 % and 4.07 % of the time respectively in the previous month.
- v) **Regional peak** demand in July, 2010 was 1748 MW as compared to 1720 MW in June, 2010 an increase of 1.63 % over the previous month.
- vi) **Energy requirement** was 921.04 MUs in July, 2010 compared to 778.30 MUs in June, 2010 an increase of 18.34% over the previous month.
- vii) **Regional energy availability** in July, 2010 was 839.96 MUs compared to 689.04 MUs in the previous month, an increase of 21.90 % over the previous month.
- viii) **Rise in demand met** was recorded in Manipur (14.94%), Meghalaya (7.37%), Nagaland (7.37%), Mizoram (7.02%), Arunachal Pradesh (5.80%) & Assam (1.42%) over the previous month.
- ix) **Drop in demand met** was recorded in Tripura (2.01%) over the previous month viz. June, 2010.
- x) **Over Voltages** at 400 kV substations were observed at Misa, Balipara and Bongaigaon where maximum voltage observed were 432 KV, 426 KV and 422 KV respectively.
- xi) **No over Voltages** were observed at 220kV S/S and 132 kV S/S.
- xii) **No under Voltages** were observed at 400 KV, 220kV and 132 kV S/S (s)
- xiii) **Regional Generation & Inter-regional Exchanges:** During the month of July, 2010 compared to June, 2010 is given below:

SN	Parameter	July, 2010	June, 2010
REGIONAL GENERATION & INTER - REGIONAL EXCHANGES (in MU)			
1	Total Generation in NER (Gross)	934.573	710.882
2	Total Central Sector Generation in NER (Gross)	649.780	467.162
3	Inter-Regional Energy Exchanges		
	(a) NER - ER	134.31	46.71
	(b) ER - NER	53.13	72.05
	(c) Net export	81.18	-25.34

Detail of various parameters indicating grid performance, during the month of July, 2010, are enclosed at **Annexure-II.**

The Sub-committee noted as above.

C. 1. Quarterly Monitoring of Preparedness on Disaster Management in NER

Sr. Manager, NEEPCO stated that for the 1st quarter report on Disaster Management relating to Power Sector has been completed and sent to CEA. The copy of the same would also be sent to NERPC Secretariat.

CGM (LDC), Assam submitted during the meeting a copy of Guidelines for Disaster Management Plan" pertaining to AEGCL. The gist of important guidelines is enclosed at **Annexure - C.1.**

Member Secretary I/C requested once again that the States should not be delayed further as the 1st Quarterly Report is yet to be furnished to Cabinet Secretariat from NER. Further he states that the guidelines given by AEGCL would benefit other constituents in preparing the report.

The Sub-committee noted as above.

C. 2. Non-functioning of SCADA in Arunachal Pradesh state

Arunachal Representative informed that the new compatible modem has been procured by them and the same would be handed to POWERGRID for handing over to BSNL, Shillong for replacing of faulty modem by BSNL, Shillong.

The sub-Committee noted as above.

C. 3 Single Phase Auto-reclosure (SPAR) of Transmission lines.

POWERGRID informed that the work is in progress and also furnished the action plan taken by them in this matter. The copy of action plan is enclosed at **Annexure - C.3.**

The sub-Committee noted as above.

C. 4 Status of Loktak - Jiribam Ckt - I.

Since representative from Dept. of Power, Manipur could not update the status The committee decided this agenda would be placed in the coming TCC/RPC meetings for discussion.

The Sub-committee noted as above.

C. 5 Status of 132 KV Kopili – Khandong 2nd Ckt.

PGCIL informed that the Regional office of Ministry of E&F, Shillong has sought clarification from Forest Dept. Govt. of Assam and the same is awaited from them. They stated that once the forest clearance is obtained the construction of the remaining portion of the line would not take much time.

The sub-Committee requested POWERGRID to pursue the case with the assistance of ASEB to get the clearance at the earliest.

D. NEW ITEMS

D.1.1 Proposal for reimbursement of cost of installation of capacitors and capacity building schemes from the Power System Development Fund.

Member Secretary I/C informed that during the first meeting of Task Force held on 09.07.2010 at NLDC, New Delhi many important issues were discussed like Special Protection Schemes, Static VAR Compensation (SVC). Procurement of software for System Studies, Training etc. During the meeting Member Secretary, NRPC has proposed for reimbursement of 20% cost of shunt capacitors to be installed by the constituents of Northern Region during the year 2009-10 and 2010-11. It was suggested that the funding should be given as a grant, after physical verification of installation of capacitors, and if they install them in time bound manner. It was decided that similar proposals from other RPCs would be asked to be put up in the next meeting of Task Force. Member Secretary NRPC would be the coordinator with other RPCs. Member Secretary I/C requested constituents of NER to keep note of the above proposal.

The Sub-committee noted as above.

D.2.1 Adherence to real time instruction from NERLDC

AGM, NERLDC requested all the constituents to abide with the real time instructions of NERLDC during grid problems for security and safety of the grid. Constituents agreed.

The sub-Committee noted as above.

D. 2.2 FGMO implementation review:

AGM, NERLDC informed that as per IEGC 2010 all hydro units above 10 MW should be operated in Restricted Free Governor Mode of Operation (FGMO) w.e.f. 1st August, 2010. He further stated that if the unit is not ready to be operated under FGMO due to some technical problems or other problems they should take up the matter with CERC for getting exemption.

The sub-Committee noted as above.

D. 3 State-wise anticipated peak demand/requirement, shortage for August, September & October, 2010.

The sub-Committee reviewed anticipated "peak demand" & "peak availability" and finalized the same for the months of for August, September & October, 2010. and details are given here below:

August, 2010 September, 2010 October, 2010

S.No.	State	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)
1	Ar. Pradesh	95	90	95	90	100	95
2	Assam	940	860*	970	880	1023	890
3	Manipur	95	90	100	95	115	100
4	Meghalaya	290	230*	295	260*	300	270
5	Mizoram	75	55	75	60	75	55
6	Nagaland	95	80	95	85	110	95
7	Tripura	185	130*	190	160*	220	190
	Region	1775	1535	1820	1535	1943	1695

***The availability of above States is subjected to the instruction of NERLDC.**

D. 4 Generation Planning (ongoing and planned outages)

NHPC informed that they proposed to avail shutdown of Loktak Unit #1 w.e.f. 15.10.2010 for O&M for 5 months. He informed that many formalities are required as technical persons have to come from abroad. Hence delay could not be avoided.

The Sub-committee after detail discussion approved the proposal given by NHPC w.e.f. 1st week of November, 2010.

D. 5 Outage Planning of Transmission elements

The Sub-committee **discussed and approved** the programme of outages during the months of August/September, 2010 for transmission lines as proposed by the PGCIL. The same is enclosed at **Annexure D. 5.**

D. 6 Estimated Transmission Availability Certificate (TAC) for the month of June, 2010.

The Final TAC certified by NERPC for the month of June, 2010 has been issued, vide letter No: NERPC/OP/TAC/2010/2314 dated 30.07.2010 is **99.2075%**

The Estimated Transmission/System Availability for the month of July 2010 furnished by PGCIL is **99.6151 %** as per details at **Annexure D. 6** (**Copy of the same is also available at NERPC website**). NER constituents are requested to kindly give their comments and observations, if any, by 27th August, 2010 so that Final TAC for the month of July, 2010 can be issued.

The sub-Committee noted as above.

D. 7 Major grid disturbances in the previous month (July , 2010)

The NERLDC informed that there was no major grid disturbance on July, 2010.

The sub-Committee noted as above.

D. 8 Date & Venue of next OCC meeting

It is proposed to hold the 54th OCC meeting of NERPC on 8th September, 2010 (Friday). The venue of meeting will be intimated in due course.

The meeting ended with a vote of thanks to the Chair.

Annexure-I**List of Participants in the 53rd OCC meeting held on 06/08/2010**

Sl. No	Name & Designation	Organization	Contact No. /e-mail ID
1.	Sh. W. Rehman, EE (SLDC)	Arunachal Pradesh	09436050735
2.	Sh. G. K. Das, CGM, LD&C	Assam	09435085129
3.	Sh. A.K. Saikia Sr. Mgr, LD&C	Assam	09864116176
4.	Sh. T. Gidon, A EE, SLDC,	Meghalaya	03642550020
5.	Sh. D.J. Lyngdoh, AEE, SLDC,	Meghalaya	09863063375
6.	No Representative	Mizoram	09436142332
7.	No Representative	Manipur	09436024085
8.	No Representative	Nagaland	09436000977
9.	Sh. T.S. Singh, AGM	NERLDC	09436302717
10.	Sh. N.R. Paul, DGM	NERLDC	09436302723
11.	Sh Anupam Kumar, AE.	NERLDC	09436335379
12.	Sh. H. Talukdar, Mgr	NERTS	09435535237
13.	Sh. Bhaskar Goswami, Sr. Mgr	NEEPCO	09436163983
14.	Sh. R.C. Singh, Manager	NHPC	09436894889
15.	Sh. P.D. Siwal, S.E (O)	NERPC	09436998378
16.	Sh.B. Lyngkhoi, AS	NERPC	09436163419
17.	Sh. S.M. Aimol, AEE	NERPC	03642520046

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