



भारत सरकार
Government of India
उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee
MSHFC Society Ltd Bldg, Nongrim Hills
Shillong – 793 003

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No. 109/1/NERPC/PCC/2008/ 616 - 51
To

Date: 2nd May, 2008

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), 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, TSECL, Agartala – 799 001
9. GM, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
10. ED, 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
16. AGM(BD), NVVN, Core5, 3rd Floor, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi
17. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
18. Chief Engineer, GM Division, Central Electricity Authority, New Delhi – 110066

Sub: Minutes of the 1st System Study Committee meeting-regarding.

Sir,

Please find enclosed herewith the Minutes of 1st System Study Committee Meeting held at NERPC Conference Hall, Shillong on 9th April 2008 for your kind information and necessary action please.

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. CGM (LDC), SLDC Complex, AEGCL, Kahelipara, 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. (Trans & Dist), Department of Power, Govt. of Mizoram, 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(Elect), Loktak HEP, Vidyut Vihar, Kom Keirap, Manipur- 795124

North Eastern Regional Power Committee

Minutes of the 1st System Study Committee Meeting

Date: 09/04/2008

Venue: NERPC Conference Hall, Shillong

Member Secretary, NERPC welcomed all the participants of 1st System Study Committee Meeting and briefed the members about the importance of the meeting. The list of participants is given at Annexure-I

Then Agenda items were taken up.

1. Agenda items from NERLDC.

1.1 Availability of Software tools amongst the constituents of NER for Power System Study and studies being conducted: -

Member Secretary, NERPC informed the members that Software for conducting Power System Study is available with NERPC but the data required for conducting such studies are not available. He requested the constituents to inform the software used for conducting such system studies in their own organization.

Representatives from Meghalaya informed that there has never been any system studies conducted in their organization and software is also not available.

All other representatives of the states except from Assam confirmed that system studies have not been done in their organization.

Representatives from Assam informed that AEGCL is using MYPOWER software of PRDC, Bangalore for conducting system studies in their organization. A single line diagram for ASEB system is submitted in connection with the system studies conducted. Members appreciated the initiative taken by AEGCL and opined that the same procedure may be followed by other organizations.

Member Secretary confirmed that other organizations within the region should start initiating the system studies within their organization. He suggested that a training programme may be organized so that the constituents may be aware of the importance and advantages of such studies. After learning the fundamentals from such training, system studies may be conducted for their respective states.

Members agreed that such training programme will be beneficial for the constituents and requested Member Secretary, NERPC to take the initiative.

1.2 Requirement of reliable & detailed parameters of NER grid elements, particularly machine parameters for conducting fault study. NERLDC had requested for machine parameters from all constituents on 06.07.2007 along with detailed formats (copy enclosed), so far only AGBPP (NEEPCO) & Loktak (NHPC) have provided the data: -

Representatives from NERLDC informed that NERLDC is conducting system studies for the region taking into account some of future transmission lines to be commissioned and also for the lines whose parameters/ data are not readily available, by adopting standard line parameters. They informed that NEEPCO was requested to submit the required data, but only for the station of AGBPP has been submitted by NEEPCO till date and the rest of the stations of NEEPCO data are not received yet.

Since the generator parameters and load data are not available with NERLDC, the studies conducted could not yield satisfactory result during dynamic period. Therefore they requested all the members to provide the required data so that the system studies may be more successful.

Member Secretary, NERPC also informed the members that such data like machine parameters, line length, type of conductor and other details are essential for conducting system studies. He requested NEEPCO to pursue the matter so that the required machine parameters of other stations may be intimated to NERLDC. He requested all the other participants to pursue within their organization so that the essential data may be sent to NERLDC and NERPC.

He said that System Studies is not only important for system operation but also for planning. The detailed power flow studies help in preventing over loading of lines in case of any contingencies. Besides, the evacuation of power from a generating station should also be planned cautiously so that there will be redundancy in the regional system as a whole. The line loading and capacity may be studied in detail and the effects caused by outage of such lines will be pre-determined from such system studies and a remedial measure may be taken as far as possible. He further requested SLDCs to take initiative for their organization to carry out system studies (Power flow & Short Circuit Studies) since they are useful for system operation and setting of protective relays etc.

1.3 Regular exchange of system study reports amongst members for the benefit of all: -

It was decided that a presentation should be made regarding system study in the next System Study Committee Meeting. Regular exchange of system study reports amongst members may be done only after getting familiar with the concept of system studies and after detailed studies are conducted for respective organizations.

2. Any other item.

Nil

3. Date and Venue of next SSCM.

Will be intimated separately.

List of participants in 1st System Study Co-ordination Committee meeting:

Assam

1. R.L.Barua, DGM, MRT Circle
2. P.K.Medhi, Sr. Manager,
Protection Cell

NEEPCO

1. Bhaskar Goswami, Sr. Manager
2. M.K. Biswas, Dy. Manager

Meghalaya

1. W. Mawroh, SE
2. H. Shangpliang
3. A. Kharpan

NERLDC

1. T.S. Singh, D.G.M.
2. N. R. Paul, Chief Manager
3. A. Mallick, Chief Manager
4. R. Sutradhar, C.M (Comml)
5. S.K. Shadrudin, Dy. Manager
6. Ishrat Ali, Engineer

Mizoram

1. V. Rodingliana, EE, SLDC
2. H. Lalnunsanga, A.E

NERTS (POWERGRID)

1. A. Patir, AGM (O&M)
2. P. Kannungo, CM (OS)
3. Utpal Sharma, Chief Manager

Tripura

1. R.K. Sharma, Manager, SLDC
2. A.K. Bhowmi, Sr. Manager

NERPC

1. A. Magudapathi, Member Secretary
2. L.B. Muanthang, E.E
3. B. Lyngkhoi, Assistant Secretary
4. R.M. Rangarajan, E.E
5. Lalrinsanga, E.E
6. S. M. Aimol, A.E.E
7. G. Medhi, A.E