

सत्यमेव जयते

भारत सरकार Government of India

शक्ति विभाग Ministry of Power

उत्तर-पूर्व क्षेत्रीय शक्ति आयोग

North Eastern Regional Power Committee

उत्तर-पूर्व क्षेत्रीय शक्ति आयोग, शिलांग, मेघालय

Meghalaya State Housing Finance Co-Operative Society Ltd.

Building

शिलांग - 793003

Nongrim Hills, Shillong - 793003.



ISO 9001:2008

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No. NERPC/OP/Committee/2012/ 4269-334

Date: 25<sup>th</sup> July, 2012

To,

1. Hon'ble Chief Minister & Minister of Power, Govt. of Mizoram, Aizawl - 796 001
2. Hon'ble Chief Minister & Minister of Power, Govt. of Manipur, Imphal - 795 001
3. Hon'ble Minister of Power, Govt. of Assam, Guwahati - 781 006
4. Hon'ble Minister of Power, Govt. of Meghalaya, Shillong - 793 001
5. Hon'ble Minister of Power, Govt. of Arunachal Pradesh, Itanagar - 791 111
6. Hon'ble Minister of Power, Govt. of Tripura, Agartala - 799 001
7. Member (GO&D), CEA, Sewa Bhavan, R.K. Puram, New Delhi - 110 066
8. Secretary (Power), Govt. of Arunachal Pradesh, Itanagar - 791 111
9. Principal Secretary (Power), Govt. of Assam, Dispur, Guwahati - 781 006
10. Principal Secretary (Power), Govt. of Manipur, Imphal - 795001
11. Principal Secretary (Power), Govt. of Meghalaya, Shillong - 793001
12. Secretary (Power), Govt. of Mizoram, Aizawl - 796001
13. Principal Secretary (Power), Govt. of Nagaland, Kohima - 797001
14. Principal Secretary (Power), Govt. of Tripura, Agartala - 799001
15. Chairman, ASEB Bijuli Bhavan, Paltan Bazar, Guwahati - 781 001
16. Chairman, MeECL, Lumjingshai, S.R. Road, Shillong - 793 001
17. Chairman & Managing Director, TSECL, Agartala - 799001
18. Chairman & Managing Director, NEEPCO Ltd., Lower New Colony, Shillong - 793 003
19. Director (Finance), NHPC Ltd., NHPC Complex, Sector-33, Faridabad - 121 003
20. Director (Op.), POWERGRID, Saudamini, Plot No. 2, Sector-29, Gurgaon, Haryana - 122 001
21. Director (Operation), PTC, NBCC Tower, 15 Bhikaji Cama, Place, New Delhi - 110022
22. Director (Coml.), NTPC Ltd. NTPC Bhawan, Scope Complex, Institutional Area, Lodhi Road - 03
23. Managing Director, OTPC, 6<sup>th</sup> Floor, A-Wing, IFCI Tower -61, Nehru Place, New Delhi - 110019
24. Executive Director (SO), NLDC, B/9, Qutub Institutional Area, Katwaria Sarai, New Delhi - 16
25. CEO, NVVNL, Core 5, 3<sup>rd</sup> Floor, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 03
26. Managing Director, AEGCL, Bijuli Bhavan, Paltan Bazar, Guwahati - 781 001
27. Managing Director, APGCL, Bijuli Bhavan, Paltan Bazar, Guwahati - 781 001
28. Managing Director, APDCL, Bijuli Bhavan, Paltan Bazar, Guwahati - 781 001
29. Managing Director, DLF, Guwahati - 781 001

**Sub: Minutes of 13<sup>th</sup> TCC & 13<sup>th</sup> NER Power Committee Meetings held at Faridabad.**

Please find enclosed herewith the minutes of 13<sup>th</sup> TCC and 13<sup>th</sup> NERPC meetings held at **"The Claridges Hotel", Faridabad, Haryana on the 9<sup>th</sup> & 10<sup>th</sup> July, 2012** respectively for your kind information and necessary action. The same is also available on the website of NERPC, [www.nerpc.nic.in](http://www.nerpc.nic.in).

आपका / Yours faithfully,

(ए. के. मिश्रा / A. K. Mishra)

उप-सचिव / Member Secretary (I/C)

Copy for kind information to:-

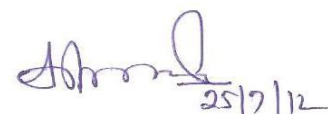
1. PS to Chairman, NERPC and Hon'ble Minister of Power, Govt. of Nagaland, Kohima - 797 001
2. PS to TCC Chairman, NERPC & Chief Engineer, Dept. of Power, Govt. of Nagaland, Kohima - 1

Copy to TCC Members:-

1. Director (Distribution), MeECL, Lumjingshai, S.R. Road, Shillong – 793 002
2. Director (Tech.), NEEPCO Ltd., Lower New Colony, Shillong-793 003.
3. Director (Tech.), TSECL, Agartala - 799001
4. Member (Tech.), ASEB, Bijulee Bhawan, Paltan Bazar, Guwahati -781001
5. Executive Director, NERTS, PGCIL, Lapalang, Shillong - 793006
6. Executive Director (Comml.), NEEPCO Ltd., Lower New Colony, Shillong-793003.
7. Executive Director (O&M), NEEPCO Ltd., Lower New Colony, Shillong-793003.
8. Executive Director (Comml.), NHPC, NHPC Office Complex, Faridabad-121003.
9. Executive Director (O&M), NHPC, NHPC Office Complex, Faridabad-121003.
10. Chief Engineer (GM), CEA, 6<sup>th</sup> Floor, Sewa Bhawan, R.K.Puram New Delhi-110066.
11. AGM, NERLDC, Lapalang, Shillong - 793006
12. GM (O&M), NERTS, POWERGRID, Lapalang, Shillong – 793006
13. CGM (LDC), SLDC Complex AEGCL, Kahelipara, Guwahati-781019.
14. Engineer-in-Chief, P&E Dept., Govt. of Mizoram, Aizawl – 796 001
15. Chief Engineer (E Zone), Dept. of Power, Govt. of Arunachal Pradesh, Itanagar-791111.
16. Chief Engineer (W Zone), Dept. of Power, Govt. of Arunachal Pradesh, Itanagar-791111.
17. Chief Engineer (Power), Dept. of Power, Govt. of Manipur, Imphal – 795 001.
18. Chief Engineer, Loktak HE Project, NHPC, Komkeirap, Manipur-795124.
19. Chief Engineer, AEGCL, Bijuli Bhawan, Paltan Bazar, Guwahati – 781 001
20. Chief Engineer, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati – 781 001
21. Chief Engineer, APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati – 781 001
22. Head of SLDC, MeECL, Lumjingshai, S.R. Road, Shillong-793001
23. Head of SLDC, Dept. of Power, Govt. of Arunachal Pradesh, Itanagar-791111
24. Head of SLDC, Dept. of Power, Govt. of Nagaland, Dimapur
25. Head of SLDC, Dept. Pof Power, Govt. of Manipur, Keishampat, Imphal-795001
26. Head of SLDC, P&E Dept., Govt. of Mizoram, Aizawl-796001
27. Head of SLDC, TSECL, Agartala – 799001

Copy for kind information to:

28. Chairperson, CEA, Sewa Bhawan, R.K.Puram, New Delhi – 110066
29. Member (Power Systems), CEA, Sewa Bhawan, R.K.Puram, New Delhi – 110066
30. Secretary, North Eastern Council, Nongrim Hills, Shillong – 793 003
31. Member Secretary, ERPC, 14 – Golf Club Road, Tollygunge, Calcutta – 700 033
32. Member Secretary, NRPC, NRPC Complex, 18-A, S.J.S. Marg, Katwaria Sarai, New Delhi – 16
33. Member Secretary, WRPC, MIDC Area, Marol, Andheri (E), Mumbai – 400 093
34. Member Secretary, SRPC, 29 – R.C. Cross Road, Bangalore – 560 009
35. Director, NETC, 1<sup>st</sup> Floor, Corporation Tower, AMBIS Mall Complex, NH-8, Gurgaon – 122001.



020%02020 / Member Secretary (I/C)

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## **Summary Record of Discussions**

### **13<sup>th</sup> Technical Coordination Committee**

**&**

### **13<sup>th</sup> North Eastern Regional Power Committee Meeting**

The 13<sup>th</sup> TCC meeting was held on 9<sup>th</sup> July, 2012 at "The Claridges Hotel," Faridabad, Haryana. The meeting was hosted by Power Trading Corporation India Ltd. (PTC).

The list of participants of 13<sup>th</sup> TCC meeting is enclosed at **Annexure - I**.

### **Proceedings of the 13<sup>th</sup> TCC meeting**

The meeting started with the welcome address by Dr. Rajiv Mishra, Executive Director, PTC India Ltd (PTC). Shri Mishra welcomed all the TCC members of NERPC and delegates and informed that PTC was honoured by the opportunity to host the 13<sup>th</sup> TCC & RPC meetings of NERPC at Faridabad. He wished all the participants a pleasant and comfortable stay. The meeting was inaugurated with lighting of ceremonial lamps by Shri K. Miachieo, TCC Chairman & Chief Engineer, Dept. of Power, Govt. of Nagaland, Shri A. K. Mishra, Member Secretary I/C, NERPC, Shri C. D. Saio, Director (Distribution), MeECL, Shri C. L. Thangliana, Engineer-in-Chief, Dept. of Power, Govt. of Mizoram, Shri M.K. Choudhury, Director (Tech.), TSECL, Shri D.P. Das, Managing Director, AEGCL, Shri T. S. Singh, AGM, NERLDC, Shri S. K. Ray Mohapatra, Superintending Engineer (Comm.), NERPC, Shri B. Lyngkhoi Superintending Engineer (O), NERPC and Shri Rajiv Mishra, Executive Director, PTC Ltd.

Shri A. K. Mishra, Member Secretary I/C on behalf of NERPC, welcomed all the members and the delegates of the 13<sup>th</sup> TCC meeting of NERPC. He thanked the officers of PTC for making excellent arrangements for comfortable stay of the members and participants. He informed the house that Shri K. Miachieo, Chief Engineer, Dept. of Power, Govt. of Nagaland has taken over as new TCC Chairman of NERPC w.e.f. 1<sup>st</sup> April, 2012. He wished that the new TCC Chairman will guide NERPC to achieve new heights in development of power sector in the region.

Member Secretary (I/C), NERPC also expressed sincere thanks to the outgoing TCC Chairman, Shri C. L. Thangliana, Engineer-in-Chief, Dept. of Power, Govt. of Mizoram and stated that under his dynamic leadership many important issues were resolved. He requested him to continue his support and guidance for the overall benefit of NER.

Thereafter, Shri K. Miachieo, TCC Chairman & Chief Engineer, Dept. of Power, Govt. of Nagaland addressed the august gathering. He requested all delegates for active participation in the deliberations and to contribute for a fruitful outcome.

The agenda items were then taken up with the permission of TCC Chairman.

The TCC meeting was concluded with the vote of thanks by Shri S. K. Ray Mohapatra, S.E (Comml.), NERPC and then Shri Harish Saran, Executive Vice President, PTC.

**Proceedings of the  
13<sup>th</sup> North Eastern Regional Power Committee Meeting**

The 13<sup>th</sup> NERPC meeting was held on 10<sup>th</sup> July, 2012 at "The Claridges Hotel," Faridabad, Haryana. The meeting was hosted by Power Trading Corporation India Ltd. (PTC).

The list of participants of 13<sup>th</sup> NERPC meeting is enclosed at **Annexure - II**.

The meeting was commenced with the bouquets presentations to dignitaries followed by lighting of ceremonial lamps by Shri D. Y. Sema, Hon'ble Power Minister, Govt. of Nagaland & Chairman, NERPC, Er. A.T. Mondal, Hon'ble Power Minister, Govt. of Meghalaya, Shri Manik Dey, Hon'ble Power Minister, Govt. of Tripura, Shri Tanga Byaling, Hon'ble Power Minister, Govt. of Arunachal Pradesh, Shri K. K. Agrawal, Member (GO&D), CEA, Shri A. K. Mishra, Member Secretary I/C, NERPC and Shri Deepak Amitabh, Director, PTC.

The meeting was followed with the welcome address by Shri Deepak Amitabh, Director, PTC followed by speech of Hon'ble Power Ministers of the region.

Shri D.Y. Sema, Chairman, NERPC & Hon'ble Power Minister, Govt. of Nagaland addressed the august gathering. In his address he informed the house that at present the major problems encountered by the North Eastern States are acute shortage of power and transmission and distribution constraints. He highlighted about the progress in the execution of the ongoing hydro and thermal Projects in NER by Central Sector and other agencies with special mention of the Palatana GBPP at Tripura and Bongaigaon TPS at Assam. The timely commissioning of these projects along with the strengthening of the associated transmission systems would certainly transform the power scenario in the region and usher in a new era in the economic development of the NER states. NERPC and NERLDC should take a lead role in co-coordinating with all the NER States and other agencies to see that all technical / commercial issues are settled amicably.

Further, he stated that up-gradation of SLDCs in the states of Assam, Meghalaya & Tripura with the latest technology & setting up of full-fledged SLDCs in the remaining four States of NER is the most important and need of the hour. The full text of speech of Chairman, NERPC & Hon'ble Power Minister, Govt. of Nagaland is enclosed at **Annexure – III**.

Er. A.T. Mondal, Hon'ble Power Minister, Govt. of Meghalaya in his address stated that Pallatana GBPP is scheduled to be commissioned soon and all the NER States will be benefited from this project. He also stated that through this forum they should take up with concerned Ministry(ies), Govt. of India to expedite the funding for more generation and transmission projects in the region. Further, he stated that presently MeECL is passing through tough times in making payment to the generators and CTU due to the unsettled dispute over the pending energy bills and the matter is still pending with the Hon'ble Supreme Court of India. However, Meghalaya will put their sincere efforts to liquidate their outstanding dues at the earliest. He requested POWERGRID to ensure that construction of LILO of 400 KV Pallatana – Bongaigoan line along with 400/220 KV sub-station at Byrnihat is completed at the earliest. Also, he informed the house that the first two units of the long awaited (3x42 MW) Myntdu-Leshka HEP were commissioned in November, 2011 and March, 2012 respectively and the third unit would be commissioned soon. Rural electrification is going on in full swing and it is expected that all the RGGVY projects will be completed within this financial year.

He also informed about the action taken by him on the following issues:

- i) **Security for Loktak-Jiribam line:** He has already taken up the security matter with Hon'ble Chief Minister, Govt. of Manipur for providing security to POWERGRID during maintenance of Loktak-Jiribam line-II.
- ii) **Inclusion of Sikkim in NERPC:** The issue has already been taken up with Union Power Minister, Govt. of India as well as Chief Minister, Govt. of Sikkim for suitable amendments in the resolution dated the 25th May 2005 constituting NERPC and ERPC.

The full text of speech of Hon'ble Power Minister, Govt. of Meghalaya is enclosed at **Annexure – IV**.

Shri Manik Dey, Hon'ble Power Minister, Govt. of Tripura in his speech stated that huge energy demand growth is expected in near future and under such situation matching of availability is a great concern. He stated that as per information from OTPC that 1<sup>st</sup> unit of Pallatana GBPP is likely to be commissioned in July, 2012 followed by 2<sup>nd</sup> unit in December, 2012 and this would definitely give a big relief to Tripura. In view of the above, the Associated Transmission System (ATS) should match with the commissioning schedule of Pallatana. Moreover, strengthening and augmentation of all the associated 132 kV transmission lines also should be completed in time.

He also informed that one 400 kV D/C transmission line is being constructed from North Bengal to Bangladesh and therefore Govt. of India may examine the possibility of establishing a linkage with NER Grid through Bangladesh to ensure better reliability. Further, he expressed concern about the hike (116%) of natural gas price which came into effect during June, 2010. The impact of price hike was further compounded by making the domestic price linked to dollar exchange rate. He, therefore, requested the house to take unanimous resolution to impress upon the Central Government to roll back the pricing of gas and remove the linkage between gas prices with dollar exchange rate. He also mentioned about the implementation of RGGVY by POWERGRID which was not satisfactory in West and South Districts of Tripura where 70% of the population of the state live. He requested POWERGRID to take up the work on top priority to implement the scheme at the earliest. The full text of speech of Hon'ble Power Minister, Govt. of Tripura is enclosed at **Annexure – V**.

Shri T. Byaling, Hon'ble Power Minister, Govt. of Arunachal Pradesh in his speech stated that everyone is aware that Arunachal Pradesh is known as the "FUTURE POWER HOUSE OF INDIA" because of its huge hydro potential. The state has taken up a challenging task in line with Hydro Power Policy of the Govt. of India to harness the hydro potential to the tune of about 42,000 MW and the Govt. of Ar. Pradesh had entered into MoUs with various Public & Private developers. He stated that a target for capacity addition of about 3400 MW should be achieved by the end of the 12<sup>th</sup> plan itself. This is a big challenge for the entire nation how to evacuate such a huge quantum of power from Ar. Pradesh alone.

He also expressed concern about the safety of the dam to avoid mass destruction of life and properties in the downstream areas. Further, he stated that setting up of full fledged SLDC in the state is utmost priority and since all the NE States are financially weak, he emphasized that the house should take up the matter with the Govt. of India for funding for setting up of SLDCs. The full text of speech of Hon'ble Power Minister, Govt. of Ar. Pradesh is enclosed at **Annexure – VI**.

Shri O. Ibobi Singh, Hon'ble Chief Minister & Minister of Power, Govt. of Manipur, Shri Pradyut Bordoloi, Hon'ble Power Minister, Govt. of Assam and Shri Lal Thanzara, Parliament Secretary (Power), Govt. of Mizoram could not attend the meeting due to their pre-occupation. However, the speeches of Shri O. Ibobi Singh, Hon'ble Chief Minister & Minister of Power, Govt. of Manipur and Shri Lal Thanzara, Parliament Secretary (Power), Govt. of Mizoram were taken as read and the same are enclosed at **Annexure – VII** and **VIII** respectively.

Shri K. K. Agrawal, Member (GO&D), CEA in his address informed the gathering about the formation of National Power Committee (NPC) initiated under the outgoing Chairman, NERPC & Hon'ble Power Minister, Govt. of Meghalaya and stated that the draft Conduct of Business Rules (CBR) of NPC has been sent to Ministry of Power, Govt. of India for notification. He further informed about the problem of coal linkage and gas availability which is affecting the existing generation as well as capacity addition of new power plants. He also appreciated the role of RPCs in which many complicated and important issues are being resolved. He expressed concern over outstanding dues by the constituents and requested that payments should be made on regular basis.

Shri A. K. Mishra, Member Secretary (I/C), NERPC in his address welcomed Shri D.Y. Sema, Hon'ble Power Minister, Govt. of Nagaland, as new Chairman of NERPC w.e.f. 1<sup>st</sup> April, 2012. He expressed that under his able and dynamic leadership various up-coming issues of the power sector in the region would be resolved.

He also expressed sincere thanks to Shri A.T. Mondal, the outgoing Chairman, NERPC & Hon'ble Power Minister, Govt. of Meghalaya and mentioned that due to his able guidance and support many issues pertaining to power sector in the region have been resolved. He also expressed sincere thanks for taking pain in resolving the land dispute relating to construction of NERPC Office-cum-residential complex.

He thanked PTC for making excellent arrangement at a very short notice for comfortable stay of the delegates. He briefed the house about the important issues deliberated during the 13<sup>th</sup> TCC meeting.

Thereafter, Member Secretary I/C, NERPC took up the agenda items for discussions with the permission of Chairman, NERPC.

The meeting was concluded with the vote of thanks from Shri B. Lyngkhoi, S.E (O), NERPC.

**Record Notes of Discussions of the  
13<sup>th</sup> TCC & 13<sup>th</sup> North Eastern Regional Power Committee  
Meeting(s)**

<b>ITEM NO. 1</b>	<b>CONFIRMATION OF THE MINUTES OF 12<sup>TH</sup> TCC &amp; 12<sup>TH</sup> NERPC MEETINGS HELD ON 14.11.2011 &amp; 15.11.2011 AT AMRITSAR.</b>
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The minutes of the 12<sup>th</sup> TCC and 12<sup>th</sup> North Eastern Regional Power Committee (NER Power Committee) meetings held on 14.11.2011 & 15.11.2011 respectively at Amritsar were circulated vide letter no. NERPC/AS/Committee/2011/3417-3487 dated 12.12.2011. No comments or observations were received from any constituents.

**Deliberation of the TCC:**

TCC confirmed the minutes of 12<sup>th</sup> TCC/RPC meetings held on 14.11.2011 & 15.11.2011 at Amritsar.

**Deliberation of the RPC**

***The RPC confirmed the minutes of 12<sup>th</sup> NERPC meeting.***

<b>PART-A</b>	<b>"FOLLOW - UP" ON DECISIONS IN THE PREVIOUS (12<sup>TH</sup>) NERPC MEETING.</b>
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Status of follow up of the decisions of the 12<sup>th</sup> NERPC meeting is as discussed below:

ITEM NO. A.1	INSTALLATION OF HARMONIC FILTERS - PGCIL
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During the 9<sup>th</sup> NERPC meeting, POWERGRID informed that CPRI has already carried out measurement of harmonics in the portion of NER Grid involving RHEP, Nirjuli S/S and Balipara S/S under different conditions including isolation of ER-NER Grid.

During the 10<sup>th</sup> NERPC meeting POWERGRID informed that CRPI has submitted offer to them for designing of filters amounting to ` 1.75 lacs.

During 12<sup>th</sup> NERPC Meeting, POWERGRID informed that as per the study of CPRI, the harmonics are generated at Satyam Steel Plant at Banderdewa in Ar. Pradesh. So, the cost of harmonic filters has to be borne by Satyam Steel Plant, Banderdewa and accordingly, Ar. Pradesh has to take up the matter with the consumer.

The installation of specified Harmonic Filter at Satyam Steel Plant, Banderdewa, Ar. Pradesh is essential to avoid stressing of equipments at 132/33 kV Nirjuli (PG) Sub Station.

**Deliberation of the TCC:**

Ar. Pradesh informed that they have received the specification and other details of harmonic filters from POWERGRID and they will implement the same within 2-3 months time.

**Deliberation of the RPC:**

***The RPC noted as above.***

ITEM NO. A.2	SECURITY ASSISTANCE FOR MAINTENANCE OF TRANSMISSION LINES IN INSURGENCY PRONE AREA IN MANIPUR - PGCIL
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During 10<sup>th</sup> TCC meeting of NERPC, POWERGRID requested to consider "Deemed Availability" status of 132 kV Jiribam - Aizwal line and 132 kV Jiribam - Loktak-II line in the event of delay in restoration owing to non-availability of security in Manipur portion. This was generally agreed upon by several constituents. However, on the suggestion of representative of Manipur, the committee decided to defer the item to the next TCC/RPC meeting.

During 11<sup>th</sup> NERPC deliberation, POWERGRID drew the attention of the members about security of their personnel and assets because of prevailing law and order situation in Manipur. POWERGRID reiterated that in spite of such situation, they are able to somehow maintain their transmission assets in Manipur. After deliberation it was decided that the issue to be discussed again during forthcoming special TCC meeting of NERPC.

During Special TCC meeting on 5<sup>th</sup> Aug'11, POWERGRID again requested for "Deemed Availability" status in respect of the above two (2) lines in the event of delay in restoration owing to non-availability of security in Manipur portion or else the outage period of that element on this account be excluded from the total available time of the corresponding month. However, TCC members have not agreed for deemed availability as proposed by POWERGRID. TCC requested Manipur Power Dept. to request state Govt. for providing security during restoration of the line after outage and during maintenance to POWERGRID personnel.

During 12<sup>th</sup> NERPC meeting, Chairman, NERPC informed that he has already taken up the matter with Hon'ble Chief Minister & Power Minister, Govt. of Manipur and requested them to look into the matter for the benefit of the constituents. Further, he stated that since Govt. of Manipur has assured POWERGRID to provide them security, he requested POWERGRID to wait for the time being and if necessary the issue can be discussed again in the next TCC/RPC meetings.

As informed by POWERGRID, so far as preventive maintenance of 132 kV Jiribam - Aizwal line and 132 kV Jiribam - Loktak-II line is concerned, the Govt. of Manipur is providing security to POWERGRID. However, in case of breakdown maintenance, there is always delay in restoration on account of security deployment as Govt. of Manipur finds difficulty in arranging security immediately. Hence, POWERGRID again requests the forum to allow "Deemed Availability" status of 132 kV Jiribam - Aizwal line and 132 kV Jiribam - Loktak-II line in the event of delay in restoration owing to non-availability of security in Manipur portion.

**Deliberation of the TCC:**

After detailed deliberation, the constituents did not agree to the proposal of POWERGRID for grant of "Deemed Availability" for such outage. It was decided to refer the matter to RPC.

**Deliberation of the RPC:**

CMD, TSECL stated that considering of the problem in Manipur as stated by POWERGRID deemed availability should be given to them as this is beyond the control of CTU.

CMD, ASEB stated that they did not agree with the proposal of POWERGRID since it is a matter of principle as already discussed in earlier RPC meetings.

Member (GO&D), CEA stated that the issue of outage beyond control of transmission licensee as mentioned by POWERGRID may be considered by NERPC on case to case basis.

Member Secretary (I/C), NERPC stated that as per CERC (Terms & conditions of tariff) Regulation, 2009 under Appendix – IV clause 6, outage time of transmission elements beyond the control of transmission licensee shall be excluded from the total time of the element under period of consideration. However, onus of satisfying the Member Secretary, RPC that element outage was due to aforesaid event and not due to design failure shall rest with the transmission licensee. A reasonable restoration time for the element shall be considered by RPC and any additional time for restoration of the element beyond the reasonable time shall be treated as outage time attributed to transmission licensee.

***The RPC noted as above.***

ITEM NO. A.3	REPLACEMENT OF DEFECTIVE INSULATOR STRINGS IN TRANSMISSION LINES OF POWERGRID IN NER - PGCIL
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During 10<sup>th</sup> TCC meeting of NERPC, technical necessity of replacement of Insulator Strings was agreed upon by beneficiary States and it was also agreed to allow “Deemed Availability” status without commercial benefit to POWERGRID. However, POWERGRID indicated that this will have serious implications in their Books of A/C. It was then decided to defer the matter to next TCC/RPC meeting.

During 11<sup>th</sup> NERPC meeting POWERGRID stated that a large number of Insulator Strings in several lines in NER have developed defects for reasons beyond the control of POWERGRID and replacement of such large number of defective insulators may not be considered as regular maintenance work. After deliberation, Chairman NERPC suggested that the issue be discussed in the forthcoming special TCC meeting.

During Special TCC meeting of NERPC on 5<sup>th</sup> Aug'11, POWERGRID requested for "deemed availability" for the outage period for replacement of insulators as it will improve availability of NER system. In Northern Region also deemed availability benefit for replacement of ceramic insulators with polymer insulators has been agreed by constituents. MS, NERPC stated that with the replacement of insulators the NER grid performance will improve and outage due to insulator failure will be reduced. He requested constituents to firm up their views and convey their decision in the next TCC/RPC meeting.

During 12<sup>th</sup> NERPC Meeting, POWERGRID gave detail presentation and indicated financial implications for replacement of defective insulators. Accordingly, during the presentation, POWERGRID informed that they will spend around ` 22.32 Crores, without burdening the constituents, to replace approximately 22000 nos. of defective insulators strings in balance 31 nos. of Transmission lines for which approximately 6000 hours of shut down will be required in 24 months to complete the job.

POWERGRID informed that they will spend the entire expenditure of replacement amounting to ` 22.32 Crores in two years time without burdening the constituents. On the other hand, the onetime burden of incentive of ` 2.82 Crores on account of deemed availability will be shared by all the constituents ER, NR, WR and NER as per the latest CERC regulation dated 04.04.2011.

RPC members requested POWERGRID to work out the breakup of ` 2.82 Crores so that the constituents would know how much burden they will have to bear to consider deemed availability and get the job done by POWERGRID in minimum time frame of two years for the benefit of NER.

POWERGRID stated that they will work out the same and submit the details to the office of NERPC shortly. The breakup of incentive component as furnished by POWERGRID is enclosed at **Annexure- A.3**.

POWERGRID, once again requests constituents to consider “deemed availability” for mass scale replacement of defective insulators.

**Deliberation of the TCC:**

NERTS, POWERGRID made a presentation highlighting the need of replacement of defective insulator strings.

NER constituents did not agree for “Deemed Availability” and reiterated that in principle they would not agree for the same.

Representative from ERPC stated that there has been no such case of “Deemed Availability” in ER till now. He further added that under PoC regime, this would affect transmission charge payment by all regions of the country.

NERLDC stressed on the reliability and security of the grid and stated that under the present grid condition, any single element is extremely vital especially taking into account synchronization of Palatana GBPP. There should be attempt to avoid forced outage of any grid element by taking appropriate pro-active measures. It was also clarified that the amount arising out of “Deemed Availability” would be mostly shared by other regions in PoC regime. He suggested that a working group consisting of NER states may examine and decide on the issue before putting up to TCC/RPC for approval.

***TCC referred the matter to RPC.***

**Deliberation of the RPC:**

CMD, ASEB stated that NER constituents did not agree for “Deemed Availability” and reiterated that in principle they would not agree for the same. Further, he stated that if POWERGRID wants they can approach CERC to grant them incentive by reducing their present availability from 99% to 97% for NE region. All other constituents supported the view of CMD, ASEB.

GM, POWERGRID, NERTS stated that question of not replacing the defective insulators by POWERGRID does not arise. But, if the deemed availability is not considered, POWERGRID will replace the insulators on opportunity basis which will take considerable time (5 Years or more) to complete the replacement.

AGM, NERLDC stated that insulators are punctured mainly due to frequent lightning and most of the insulators are damaged. Further, he stated that unless transmission lines are kept in healthy condition maintenance of the grid would be very difficult in case of any contingency.

Hon'ble Power Minister, Govt. of Meghalaya stated that delay in replacement of insulators will create problem to grid and common people will be the sufferer. Accordingly, he suggested for forming a committee for carrying out detailed study.

After detailed deliberation, the Committee decided that a special committee should be constituted by NERPC to discuss the issue. Member Secretary, NERPC will be the convener for the special meeting.

***The RPC noted as above.***

<b>ITEM NO. A.4</b>	<b>Signing of Transmission Service Agreement -PGCIL</b>
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The TSA has been signed by NEEPCO, Mizoram, Arunachal and Manipur. In the 17<sup>th</sup> & 18<sup>th</sup> CCM held at Darjeeling on 28.11.11 & Sonapur, Guwahati on 14.03.12 respectively, it was agreed by constituents to sign the TSA at the earliest. Since signing of TSA is mandatory as per CERC norms, Assam, Meghalaya, Tripura and Nagaland are requested to sign the TSA which has already been sent to them.

**Deliberation of the TCC:**

Assam – Under process and will be signed within two months.

Meghalaya– Will be signed by end of the month.

Nagaland – Under examination and will be signed soon.

Tripura – Agreed to sign and requested POWERGRID to organize seminar/ workshop. POWERGRID agreed.

***For kind information to the RPC members.***

**Deliberation of the RPC:**

**The RPC noted as above.**

ITEM NO. A.5	Signing of Zero date for Indemnification Agreement - PGCIL
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i) POWERGRID' BOD had approved the transmission system associated with Lower Subansiri & Kameng HEP in Feb'09 with the completion schedule of various elements progressively by Aug'13 with an estimate cost of ` 11130 crores approx. about ` 3074 Crores has already been incurred till Sept'11.

- The Kameng HEP (4x150 MW) is being implemented by NEEPCO. The original schedule of commissioning of Kameng HEP was Nov.'09, which subsequently revised to Dec'12. In Oct'11, NEEPCO has revised its commissioning schedule to June.'16. The implementation work of associated transmission system was slowed down to maximum extent possible & is now likely to be completed by Mar'14.
- The Lower Subansiri HEP (8x250 MW) is being implemented by NHPC. The original Sch. of commissioning of Lower Subansiri HEP was Dec'11, which subsequently revised to Mar'12 / Dec'12 / Mar'13 / Dec'13. The implementation work of associated transmission system was slowed down to maximum extent possible & is now likely to be completed by Dec'13. After various meeting at Director (Project) level, NHPC has agreed for Dec'13 as zero date, but signing of Indemnification Agreement is still pending since long.

Delay in commissioning of these generation projects shall affect the commercial realization of completed transmission system. NEEPCO & NHPC yet to sign zero date for Indemnification Agreement. ***NEEPCO & NHPC to expedite signing of Indemnification Agreement.***

ii) POWERGRID' BOD had approved the transmission system associated with Pallatana GBPP & Bongaigaon TPS in Feb'10 with the completion schedule of various elements progressively by Dec'12 with an estimate cost of ` 2144 crore approx. about ` 412 Crore has already been incurred till Sept'11.

- The Bongaigaon TPS (3x250 MW) is being implemented by NTPC. The original Sch. of commissioning of Bongaigaon TPS is Dec'11, which subsequently revised to Jun'12 / Oct'12. The associated Transmission system likely to be completed by Mar'12.
- The Pallatana GBPP (2x363 MW) is being implemented by OTPCL. The original Sch. of commissioning of Pallatana GBPP is Dec'11 which subsequently revised to Jan'12 /Feb'12 for unit-I & Jun'12 for unit-2. The associated transmission system required for evacuation of power from unit-1 shall be ready progressively from Dec'11 to Feb'12 and for unit-2 by Jun'12. Draft Indemnification Agreement already sent to OTPCL by NETCL. Signing of Indemnification Agreement to be expedited.

Delay in commissioning of these generation projects shall affect the commercial realization of completed transmission system. NTPC & OPTCL yet to sign zero date for Indemnification Agreement. ***NTPC & OPTCL to expedite signing of Indemnification Agreement.***

During 12<sup>th</sup> NERPC meeting, NEEPCO has not agreed to sign the indemnification agreement by March, 2014 as requested by PGCIL as their project is likely to be commissioned in 2016. NTPC stated to confirm the date to POWERGRID for signing the agreement. OPTC stated they will confirm only after getting the approval of the Board.

**Deliberation of the TCC:**

Generating agencies intimated the commissioning schedule as below:

Kameng HEP – June 2016.

Bongaigaon – August 2013.

Palatana – August 2012.

Tuirial – August 2015.

It was informed that the issue of signing the indemnification agreement is under consideration and the same will be intimated accordingly.

**Deliberation of the RPC:**

ED, NHPC stated that the work in Lower Subansiri has been suspended since December, 2011 and the NER constituents are well aware of the matter. He requested through the forum to extend the help to NHPC so that the project could be completed in time.

MD, OTPC stated that once the line is ready up to Bongaigoan, they will sign the indemnification agreement. Further, he stated that it may be clarified that signing of agreement shall be with POWERGRID or NETC. POWERGRID stated that they will look into the matter and intimate accordingly.

ED, POWERGRID stated that they can sign at least for Pallatana Module #1 since their line is ready up to Silchar. MD, OTPC stated that they will look into the matter.

CMD, NEEPCO stated that in respect of Kameng HEP signing of indemnification is not possible before June, 2016. Further, he stated that location of quarry was not allotted by Govt. of Ar. Pradesh. He requested Govt. of Ar. Pradesh to kindly look into the matter. Regarding Tuirial HEP in Mizoram the infrastructure is yet to be developed.

RED (East – II), NTPC stated that NTPC will sign the indemnification agreement with POWERGRID by August, 2012.

Chairman, NERPC appreciated the work carried out by POWERGRID in completion of ATS in time; however, due to unavoidable circumstances, generators could not match their schedule in time. He requested POWERGRID to take up the matter with respective concerned generators for signing of indemnification agreement.

***The RPC noted as above.***

<b>ITEM NO. A.6</b>	<b>OUTSTANDING DUES OF POWERGRID AGAINST NER CONSTITUENTS - PGCIL</b>
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The current total outstanding of POWERGRID's NER beneficiaries (as on 30/06/2012) is as under:

(in ` Crores)

SN	Beneficiary	Outstanding dues (>60 days)	Total Outstanding
		(PoC+ Non PoC Bills)	
1	Ar. Pradesh	0.00	1.91
2	Assam	16.65	37.00
3	Manipur	5.19	11.32
4	MeECL(Meghalaya)	17.40	27.88
5	Mizoram	1.80	6.09
6	Nagaland	1.94	4.72
7	Tripura	2.03	4.20
	<b>SUM TOTAL</b>	<b>45.00</b>	<b>93.12</b>

To encourage timely payment, POWERGRID has modified its Rebate policy. As per latest rebate policy for 2012-13, the payments made upto 55 days from the date of billing would be entitled for graded rebate depending upon the date of payment. All constituents are requested to avail advantage of new rebate policy.

**Deliberation of the TCC:**

All the constituents agreed to liquidate their outstanding.

***For kind information to the RPC members.***

**Deliberation of the RPC:**

***The RPC noted as above.***

<b>ITEM NO. A.7</b>	<b>STATUS OF LC REQUIREMENT AGAINST PoC BILLING AS PER BCD PROCEDURE OF CERC ORDER No.L-1/44/2010-CERC, DTD 29.04.11 - PGCIL</b>
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The LC requirement and status of LC as on date (05.07.2012) of NER Beneficiaries is as under:

(` in Lakh)

S N	Beneficiary	Average first bill amount for the month of July'11 & Dec'11	LC req. (Avg. first bill amount X MF 1.05)	LC Available	Validity Up to	Balance to be enhanced & renewed annually	Remarks
1	Ar. Pradesh	228.15	239.56	252.00	31.03.13		
2	Assam	1279.00	1342.95	973.00	31.12.12	3.95	
				177.00			
				189.00			
				1339.00			
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	132			05.05.13		
6	Nagaland	173.09	181.74	163.00	21.03.13	18.74	

**Deliberation of the TCC:**

All the constituents agreed to enhance their requisite LCs.

***For kind information to the RPC members.***

**Deliberation of the RPC:**

***The RPC noted as above.***

<b>ITEM NO. A.8</b>	<b>Outstanding dues of the NER beneficiaries - NHPC</b>
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For energy supplied up to 06.07.2012 and payment received up to date, over 60 days outstanding dues against the beneficiaries of Loktak Power Station are as given below:

Sl.No.	Beneficiary	Outstanding Dues ( ` in Crs.)		
		Principal	Surcharge	Total
1.	Assam	13.32	0.51	<b>13.83</b>
2.	Meghalaya	13.18	0.85	<b>14.03</b>
3.	Manipur	4.91	0.15	<b>5.06</b>
4.	Ar. Pradesh	1.08	0.03	<b>1.11</b>

**Deliberation of the TCC:**

All the constituents agreed to clear the outstanding at the earliest.

*For kind information to the RPC members.*

**Deliberation of the RPC:**

*The RPC noted as above.*

ITEM NO. A.9	Enhancement of LC by Meghalaya Energy Corporation Ltd. (MeECL) – NHPC
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MeECL is requested to enhance the LC amount by ` 1.42 Crs in favour of NHPC.

**Deliberation of the TCC:**

MeECL agreed to enhance their requisite LC.

*For kind information to the RPC members.*

**Deliberation of the RPC:**

*The RPC noted as above.*

ITEM NO. A.10	Outstanding dues of the NER beneficiaries - NEEPCO
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The outstanding dues of the beneficiaries of NEEPCO has increased rapidly during the financial year 2011-12 particularly on revision of Annual Fixed Charges (AFC) by CERC for the Power stations of NEEPCO in operation, except for Doyang HEP, which is under process before the Hon'ble Commission. Arrear bills on revision of AFC already been raised to the beneficiaries in accordance with the relevant

Regulations. In spite of continuous persuasion by NEEPCO responses from most of the beneficiaries in general and from APDCL & MeECL in particular are very poor. State-wise outstanding dues as on 24.06.2012 are as follows:

` in lakhs				
Beneficiary	Energy bills	Arrear – 2009-14 (Inc. interest there-on)	Re-imburement bills – MAT/ FERV/Filing fee/ Publication fee	Total
APDCL	17988.21	28120.20	26.84	46135.25
Mizoram	1436.88	3207.06	414.52	5058.46
Manipur	675.03	3923.41	11.76	4610.20
TSECL	356.97	2183.44	11.86	2552.27
Arunachal Pradesh	1244.30	1665.84	4.62	2914.76
Nagaland	931.33	1268.62	8.28	2208.23
MeECL	9441.48	6614.96	16.42	16072.86
<b>Total</b>	<b>32074.20</b>	<b>46983.53</b>	<b>494.30</b>	<b>79552.03</b>

As per CERC order dated 26.08.2011 on liquidation of arrear bills, the arrears arising out of 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 fully complied with the aforesaid order in spite of the fact that reasonable times have been elapsed since the bills rose on them.

Further arrear bills are likely to be raised to the beneficiaries on finalization of revised AFC for Doyang Hydro Power Station.

Due to the above mentioned huge outstanding dues of the beneficiaries, NEEPCO is facing acute financial hardship and facing difficulties in maintaining its Power Stations.

**Deliberation of the TCC:**

ED (O&M), NEEPCO made an appeal to the beneficiaries for liquidating the outstanding dues to enable NEEPCO to serve them to the best of their capability.

All beneficiaries agreed in principle to liquidate the outstanding at the earliest.

***For kind information to the RPC members.***

**Deliberation of the RPC:**

CMD, NEEPCO once again requested all the constituents to liquidate their outstanding dues at the earliest.

Addl. Chief Secretary, Govt. of Meghalaya stated that they will pay the current energy bills but the arrears due to revision of AFCs by CERC should not be claimed from retrospective effect as it would not be possible for the state to recover the arrears from the consumers.

CMD, ASEB supported the above view and also stated that arrear should not be claimed from retrospective effect. He further informed that they have filed a petition in Supreme Court in this regard and the decision is awaited. However, he informed that the matter has been taken up with the Govt. of Assam to clear the current energy bills at the earliest.

Director (F), NEEPCO stated that they are facing financial problem due to non-receipt of outstanding dues from constituents and also the extension of AGTPP could not be carried out early due to non availability of fund and hence requested all to take necessary action to clear the dues.

Chairman, NERPC requested all the constituents to make all efforts to clear the outstanding dues at the earliest.

***The RPC noted as above.***

<b>ITEM NO. A.11</b>	<b>UI OUTSTANDING - NERLDC</b>
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Status of UI outstanding as on 20.6.2012 is enclosed at **Annexure-A.11**. From the same, it can be seen that outstanding payable are Meghalaya: ` 45.82 Crores, Ar. Pradesh: ` 27.33 Crores, Assam: ` 26.13 Crores, Nagaland: ` 9.86 Crores and Mizoram: ` 3.71 Crores respectively. Such payment default by these States is creating serious constraint in making payment to those who are in receivable mode from pool. ` 61 Crores is to be paid to Eastern Region for which ERLDC as well as ERPC has taken up with NERLDC no. of times.

**Deliberation of the TCC:**

Meghalaya, Arunachal Pradesh and Assam agreed to clear the outstanding at the earliest.

***For kind information to the RPC members.***

**Deliberation of the RPC:**

***The RPC noted as above.***

ITEM NO. A.12	NERLDC FEES AND CHARGES BILLS - NERLDC
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In line with the provisions of Central Electricity Regulatory Commission (fees and charges of Regional Load Despatch Centers and other related matters) Regulation, 2009, monthly bills for NERLDC fees and charges are being raised on the users. Payments from the states of Assam, Tripura, Nagaland and Manipur are regular whereas Meghalaya, Mizoram and Ar. Pradesh are yet to start regular payments against NERLDC fees and charges billing. The status of latest outstanding is enclosed as **Annexure-A.12**.

**Deliberation of the TCC:**

NERLDC requested all the users to pay the monthly bills on regular basis, the amount being very small. He requested Meghalaya and Mizoram to liquidate their outstanding dues and also to make a system to ensure monthly payment on regular basis.

Meghalaya and Mizoram agreed to do the needful.

***For kind information to the RPC members.***

**Deliberation of the RPC:**

***The RPC noted as above.***

ITEM NO. A.13	OPENING OF LC AGAINST UI CHARGES LIABILITY - NERLDC
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As per CERC Unscheduled Interchange charges and matters (Amendment) Regulations, 2010 (Regulation 10(4) vide notification No. L-1(1)/2009-CERC dated 28th April, 2010 effective from 03.05.2010, NERLDC issued letters to all defaulter Regional entities who had at any time during the previous financial year (2010-11) failed to make payment of UI charges including Addl. UI charges within the time specified in the Regulations to open LC as per computed amount (enclosed at **Annexure - A.13**). Till date only NEEPCO, Assam and Tripura have opened LC against UI Charges liability.

Others are also required to comply with CERC stipulation.

**Deliberation of the TCC:**

The beneficiaries agreed to take necessary actions in line with CERC stipulations.

***For kind information to the RPC members.***

**Deliberation of the RPC:**

***The RPC noted as above.***

ITEM NO. A.14	AMC of existing SCADA/EMS package in respect of Assam, Meghalaya, NERLDC & Tripura for another 2 years - NERLDC
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The existing AMC with the OEM M/s Alstom T&D India Ltd (Earlier M/s AREVA) which was awarded with the consent of NERPC (item 8.12 of the MOM of 4th NERPC meeting) will expire on the 15th June 2013. On the other hand the replacement work of the existing SCADA/EMS package taken up by POWERGRID may be completed during 2014-15 only and hence AMC of the existing SCADA/EMS package needs to be taken from 16-06-13 till the new SCADA/EMS package is in operation. The matter was also discussed in the 15th UCC meeting held at Guwahati on 11-04-12 and though there was a consensus on the necessity of the AMC no final decision could be taken as the same requires approval of the competent authority of respective organization.

In this context and in order to keep the existing SCADA/EMS package in proper running condition, AMC for SCADA/EMS package may be awarded for another 2 years w.e.f. 16-06-13 or till the new package is in operation with same terms & conditions of the existing contract with M/s ALSTOM T&D India Ltd.

**Deliberation of the TCC:**

TCC recommended for kind approval.

**Deliberation of the RPC:**

***The RPC endorsed the decision of TCC.***

<b>ITEM NO. A.15</b>	<b>Inclusion of Sikkim as NERPC Member – NERPC</b>
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During the 4<sup>th</sup> NERPC Meetings held on 20<sup>th</sup> & 21<sup>st</sup> August, 2007 following Resolution was adopted “To approach Ministry of Power, Govt. of India for allocation of share from Power Projects of Sikkim to NE States because Sikkim is a constituent state of NEC and all the development fund allocated to NEC is being shared by Sikkim also with all other NE States. Resource of Sikkim now becomes part of NER Resource”.

During the 9<sup>th</sup> NERPC meetings held on 11<sup>th</sup> & 12<sup>th</sup> August, 2010 Chairman, NERPC & Hon’ble Power Minister, Govt. of Meghalaya in his inaugural speech once again stressed that Sikkim being a constituent member of North Eastern Council (NEC) and funds are earmarked for power development in Sikkim and therefore NER States should also have a share from these projects being set up in Sikkim.

Chairman, NERPC vide letter dated 28.10.2011 has written letters to Union Minister of Power, Govt. of India, Hon’ble Chief Minister & Power Minister, Govt. of Sikkim requesting them to re-consider the issue of inclusion Sikkim as member of NERPC.

During 12<sup>th</sup> NERPC meeting a resolution has been passed and submitted to Union Power Minister for further necessary action. No communication has been received from Ministry of Power, Govt. of India in this regard.

**Deliberation of the TCC:**

TCC referred the matter to RPC.

**Deliberation of the RPC:**

Hon'ble Power Minister, Govt. of Meghalaya informed that he had taken up the matter with Union Minister of Power, Govt. of India as well as Hon'ble Chief Minister & Power Minister, Govt. of Sikkim for inclusion of Sikkim as member of NERPC. However, no communication has been received. He requested the house to pass a Resolution once again on this issue. He also requested Chairman, NERPC to fix an appointment with Union Power Minister, Govt. of India to discuss the matter.

***The RPC noted as above. A Resolution in this regard was also passed.***

<b>PART: B</b>	<b>ITEMS FOR DISCUSSION</b>
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<b>ITEM NO. B.1</b>	<b>SINGLE-PHASE AUTO-RECLOSURE OF TRANSMISSION LINES.</b>
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The matter was followed up regularly in various OCC meetings and the status of SPAR as reviewed during the 75<sup>th</sup> OCC meeting is as under.

Sl. No.	Name of the Line	Ownership	Status as given on 75 <sup>th</sup> OCC meeting.
1	220kV Kopili - Misa # I & II	KHEP, NEEPCO	December, 2012.
2	220kV Salakati – BTPS - I & II	BTPS, AEGCL	Ckt#I- December, 2012 Ckt#II - completed
3	220kV Balipara – Samaguri	Samaguri, AEGCL	December, 2012
4	132kV Khandong – Haflong	KHEP, NEEPCO	December, 2012
5	132kV Khandong – Kopili	KHEP, NEEPCO	
6	132kV Ranganadi- Ziro	RHEP, NEEPCO	Refer below

In respect of Sl. No. 6, during 69<sup>th</sup> OCC meeting, NEEPCO expressed their unwillingness to replace the CBs at their ends as these CBs are less than 10 (ten) years old. It was suggested that if Ar. Pradesh is interested to buy these CBs from NEEPCO and use at their sub-stations, then the same may be communicated to NEEPCO for further necessary action. NERPC also stated that once the SPAR is implemented then the problem of frequent tripping in Ar. Pradesh line would be minimized. NERPC had requested Ar. Pradesh to look into the matter and communicate their decision at the earliest.

SE, Dept. of Power, Govt. of Ar. Pradesh stated that since this is a matter of policy decision it would not be possible for him to decide in the meeting. He requested NERPC Secretariat to write to Dept. of Power, Govt. of Ar. Pradesh so that the matter could be resolved.

Accordingly, NERPC, vide their letter dated 30.01.2012, had written to the Secretary (Power), Govt. of Arunachal Pradesh to look into the matter at the earliest and intimate NERPC Secretariat about their action plan on this matter. Accordingly, Dept. of Power, Arunachal Pradesh vide their letter dated 25.04.2012 had informed that they would not procure the above CBs from NEEPCO.

The Sub-committee decided to refer the matter to 13<sup>th</sup> TCC/NERPC meetings.

**Deliberation of the TCC:**

Arunachal Pradesh did not agree to buy old CBs from NEEPCO. The matter was referred to RPC.

**Deliberation of the RPC**

***The RPC approved to drop the item at Sl. No. 6 above since Ar. Pradesh is not willing to buy the CBs.***

<b>ITEM NO. B.2</b>	<b>SETTING-UP/UP-GRADATION OF SLDCS IN NER:</b>
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The issue for Up-gradation and Expansion of SCADA/EMS system of NERLDC and SLDCs of North Eastern Region was discussed at 12<sup>th</sup> NERPC meeting at Amritsar on 15<sup>th</sup> November 2011.

Subsequently letters were written to Assam, Meghalaya and Tripura where the full fledged SCADA/EMS systems were installed in the ULDC project.

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. Assam informed that up gradation work of their SLDC has almost been completed and the up gradation would not be required.

Further CERC vide its order dated 28<sup>th</sup> 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.

In ULDC schemes of North Eastern Region only Remote consoles has been installed in the states of Manipur, Mizoram, Arunachal Pradesh & Nagaland. In the present Upgradation project the SCADA system has been proposed for these SLDCs.

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.

The specification was deliberated and discussed in the 15th UCC meeting held at Guwahati on 11th April 2012. NIT for this package has been floated on 23rd April 2012.

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

**Deliberation of the TCC:**

Members agreed to the proposal and referred to RPC for approval.

**Deliberation of the RPC**

***The RPC endorsed the view of TCC. However, the Committee also suggested to approach DoNER/NEC, Govt. of India for funding. A Resolution in this regard was also passed.***

ITEM NO. B.3	BUS TRANSFER FACILITY AT 132 KV GOHPUR (AEGCL) SUB-STATION
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During 68th OCC Meeting on 08.12.2011, DGM, LDC, Assam informed that the Transfer Bus facility at 132kV Gohpur Sub Station cannot be created due to non-availability of space.

Hence, at 132 kV Gohpur Sub Station, during maintenance / outage of Circuit Breaker, the corresponding Transmission element of POWEGRID will remain out of service due to system constraint under outage Category: GOMD.

**Deliberation of the TCC:**

TCC noted as above.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

ITEM NO. B.4	NON-UTILIZATION OF BUS TRANSFER FACILITY AT KHANDONG HEP
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The issue of non-utilization of Transfer Bus facility at Khandong HEP following the outage of 132 kV Khandong-Khliehriat II Line from 10:56 hrs of 13.04.2011 to 13:05 hrs of 14.04.2011 was discussed during 62<sup>nd</sup> OCC Meeting of NERPC on 09.06.2011. During discussion representative of NEEPCO informed that due to lesser capacity of Bus Bar conductor, Transfer Bus facility could not be used.

Subsequently, the issue was followed up during 63<sup>rd</sup> and 64<sup>th</sup> OCC Meetings of NERPC. However, during 65<sup>th</sup> OCC Meeting, representative of NEEPCO informed that Khandong Switchyard is old and at this stage enhancement of Bus capacity is not possible and at present due to limitation of bus capacity, Generation and Load is shared in two buses.

During 12<sup>th</sup> NERPC Meeting, the issue was again discussed in details considering backing down of generation during outage of CBs if transfer bus facility is not used. Accordingly, after deliberation of TCC, NEEPCO agreed to resolve the matter in consultation with POWERGRID within a week's time.

The matter was then persuaded with NEEPCO in following 68<sup>th</sup>, 69<sup>th</sup> & 70<sup>th</sup> OCC Meeting for enhancement of Bus Capacity and since, the matter remained unresolved it was decided in 71<sup>st</sup> OCC Meeting to refer the issue to 13<sup>th</sup> NERPC Meeting.

**Deliberation of the TCC:**

NEEPCO stated that with the commissioning of Palatana GBPP, the above proposal will not be necessary and may be dropped.

Committee felt that under certain conditions of grid like non-availability of Palatana generation, the scheme may be necessary. NEEPCO agreed to execute the same at an appropriate time.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

<b>ITEM NO. B.5</b>	<b>AUGMENTATION OF TRANSFORMATION CAPACITY AT 132 KV NIRJULI S/S – PGCIL</b>
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During 12<sup>th</sup> NERPC Meeting, POWERGRID informed that installation of 30MVA transformer owned by Dept. of Power may not be a reliable solution on long-term basis as existing Transformer Bay equipment at Nirjuli has limitations from Rating point of view and isolated operation of the 30MVA and 10MVA Transformers is considered unreliable. This has also got Commercial implications at Regional level. Accordingly, POWERGRID proposed diversion of load by Dept. of Power, Ar. Pradesh from Nirjuli Sub-station to some other Sub-station OR NERPC may concur augmentation of transformation capacity by 2 x 30MVA, 132/33kV ICTs at Nirjuli considering future load growth around State Capital. However, the matter was deferred since representative from Ar. Pradesh was not present.

Subsequently, during 69<sup>th</sup> OCC Meeting, POWERGRID informed that they have already replaced the 16MVA, 132/33kV Transformer (owned by AP) with new 10 MVA, 132/33kV Transformer on 25.11.2011. Thus, at present, Nirjuli Sub Station is operative with 2 X 10 MVA, 132/33 kV Transformer as per the original configuration. Now, as POWERGRID has already put up agenda in earlier meetings for augmentation of sub-station by installation 2 X 30 MVA transformers at Nirjuli in place of existing 2 X 10 MVA transformers, DoP, AP may pursue the proposal or else restrict the load at Nirjuli within the present capacity of 2 X 10 MVA.

SE, Ar. Pradesh requested constituents to allow augmentation of transformation capacity of Nirjuli Sub Station from existing capacity of 2 X 10 MVA to 2 X 30 MVA under regional project as Arunachal never opposed signing of regional projects benefiting constituents other than Arunachal Pradesh.

SE, Ar. Pradesh also requested the OCC Sub-committee to refer the issue for augmentation of transformation capacity of Nirjuli Sub Station to 2 X 30MVA under regional project to the next TCC/RPC meetings.

**Deliberation of the TCC:**

CE (WEZ), Arunachal Pradesh stressed the urgent need of augmenting transformation capacity at Nirjuli substation considering substantial load growth in the state. He stated that Arunachal Pradesh has all along been agreeing for transmission projects in the region and now it is time for other states to agree for making this scheme a regional project.

Assam did not agree to the proposal citing that the project would be benefiting only Arunachal Pradesh and also projects below 132 kV level are not covered under PoC regime.

Arunachal Pradesh appealed to other states to agree as a special case.

Chairman, TCC felt that there is a need to consider the case of Arunachal Pradesh and the matter would need further detailed deliberation in OCC sub-committee.

**Deliberation of the RPC:**

Ar. Pradesh stated that since the present 2X10 MVA transformer at Nirjuli substation is treated as regional project, the augmentation of transformation capacity to 2X30 MVA due to load growth of Itanagar may also be considered as regional project.

On query from Member (GO&D), NERPC further clarified that the present 2X10 MVA transformer is already included under PoC calculation of the 132 KV Ranganadi – Nirjuli line. Therefore, any augmentation in transformation capacity at the substation as per system requirement should also form part of PoC charge.

The Committee felt that since the present 2x10 MVA transformers are already included under PoC, hence the proposed augmentation of transformation capacity to 2x30 MVA at Nirjuri substation should also be included as per PoC norm and the existing 2x10 MVA should be kept as regional spare. POWERGRID was requested to take further necessary action in the matter.

***The RPC approved the above proposal.***

ITEM NO. B.6	<b>ADDITIONAL REQUIREMENTS OF OPGW BASED COMMUNICATION SYSTEM FOR CENTRAL SECTOR SUB-STATIONS AND GENERATING STATIONS AND OTHER LARGE GENERATING STATIONS IN NER - PGCIL</b>
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POWERGRID agenda for installation of OPGW in NER was discussed during 11<sup>th</sup> TCC & 11<sup>th</sup> NERPC held at Kolkata on 5<sup>th</sup> & 6<sup>th</sup> May'11 and was agreed in principle. As per deliberations of NERPC meeting, constituents comments were invited for finalization of OPGW based Communication Network. After incorporating the comments of constituents, the final requirement of OPGW as 1901 kms at an initial estimated cost of ` 56.36 Crores was finalized. The break-up of proposed 1901 kms OPGW network is as under:

Central Sector	=	1349 kms
State Sector	=	552 kms
Further, state wise breakup of the State Sector OPGW length is		
Tripura	=	271 kms
Meghalaya	=	107 kms
Nagaland	=	25 kms
Manipur	=	149 kms
Total	=	552 kms

In this regard, FR cum DPR was prepared and submitted to NEC for funding. Subsequently, Special TCC meeting was held at Agartala on 5<sup>th</sup> August'11 in which Assam informed that they agree to the proposal if the funding was from DoNER/NEC whereas Manipur, Mizoram, Meghalaya and Tripura agreed to the proposal irrespective of the funding from DoNER/NEC or recovery through tariff as

per CERC regulations. Since Arunachal Pradesh & Nagaland representatives were not present in the Special TCC meeting, the proposal was deferred for discussion in the next TCC/RPC meeting.

During the 12<sup>th</sup> NERPC meeting, Mizoram requested to add additional 58.5 km for Mizoram. Mizoram has to submit the proposal to POWERGRID. It was opined that the OPGW Project proposed by POWERGRID may be undertaken subject to the availability of funds from DoNER. Since the funding is yet to be approved, POWERGRID proposes to start the work with the permission of the constituents. In case the funding does not materialize, the utilities have to agree for paying the tariff as per CERC norms.

**Deliberation of the TCC:**

Representative from Manipur informed that priority will be given to setting-up of SLDC through funding from NEC. Manipur will pursue with the above project only if funding is available.

Assam agreed to the proposal if funding is from NEC.

POWERGRID reiterated the importance of the project stressing on the need of reliable communication for better operation of power system.

The Committee decided to approach NEC for funding of the scheme.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above. A Resolution in this regard was also passed.***

ITEM NO. B.7	Procurement of SEM & DCD for NER up to 2013-14- NERLDC
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Requirement of SEMs and DCDs pertaining to NER up to 2013-14 has been communicated by NERLDC to NERTS, POWERGRID. Assessment for SEMs & DCDs have been done based on the approved generation and transmission projects in N.E. Region. NERTS, POWERGRID may take urgent necessary steps to procure the same as the stock of SEMs / DCDs is almost NIL. Some SEMs / DCDs (at least 40-50 SEM and 10-15 DCD) need to be arranged on urgent basis to take care of future projects and spare in hand.

**Deliberation of the TCC:**

POWERGRID informed that LOA for SEMs and DCDs procurement would be placed in July 2012 and meters/ DCDs would be available by September 2012. He further stated that they have taken action to get some meters on loan basis from other regions to meet immediate requirement.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

ITEM NO. B.8	Availability of Voice and Data communication - NERLDC
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- (a) Due to Battery backup problem voice and data communication are interrupted whenever there is a grid incidence. The battery problem at important wide band locations like Kopili, Misa Badarpur etc need to be attended immediately.
- (b) Circuit Breaker status including SOE from important Substations like Bongaigaon, Ranganadi, Jiribam etc are not available.
- (c) Data from many important Stations like Bongaigaon, Ranganadi, Kathalguri, Loktak etc are reporting through single channel only and hence no redundancy.
- (d) Data from more than 50% RTUs of Assam system is not available

The above issues are discussed at OCC/UCC level meetings but no improvement is visible which is affecting real time grid operation.

**Deliberation of the TCC:**

AGM, NERLDC stressed on the need of effective and reliable communication for proper grid operation. He stated that 48V DC supply should be available in all locations so that communication is not interrupted in case of failure of AC supply. He also stated that data from 50% RTUs of Assam are not available which needs immediate attention.

GM, NERTS stated that new batteries have been ordered and will be delivered and installed by August, 2012. Additional Contact Multiplier Relays (CMRs) for the circuit breakers are being procured which will be supplied and installed in August/September, 2012.

He also stated that after commissioning of the OPGW under microwave replacement scheme, the issue of redundancy problem will be resolved. Tentative completion schedule of the ongoing microwave replacement scheme is July, 2013.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

ITEM NO. B.9	PALLATANA EVACUATION SYSTEM - NERLDC
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**a) Connectivity:**

In line with the provisions of Central Electricity Regulatory Commission (Grant of connectivity, LTA & MTOA in inter- State Transmission and related matters) Regulation, 2009, OTPC would have to obtain connectivity to CTU and tripartite agreement would have to be signed between NETC, OTPC and CTU to meet the pre-requisite before synchronization of Palatana units or charging of lines.

**Deliberation of the TCC:**

MD, OTPC stated that they are taking necessary action for obtaining connectivity and getting the tripartite agreement signed.

**b) Schedule of commissioning of lines, reactors, transformers along with responsibilities**

Details of responsibilities of different organisations at different locations in respect of installation & commissioning of lines, reactors, transformers etc along with schedules of commissioning are required for better co-ordination.

**Deliberation of the TCC:**

There was detailed discussion regarding commissioning of various elements pertaining to Palatana project. MD, NETC informed that 400kV Palatana – Silchar would be commissioned by July 2012 and Silchar – Byrnihat section would be ready by September 2012. Further, MD, NETC stated that completion of the 400kV section up to Bongaigaon would go beyond December 2012 as Forest Department of Assam has yet to give permission to work in forest for which 2<sup>nd</sup> stage clearance was given by MoE&F on 08.05.2012. MD, NETC requested Govt. of Assam to help them in getting the clearance at the earliest to enable them to complete this section of the line at the earliest. POWERGRID also confirmed that Byrnihat sub-station also would be ready by September 2012. Regarding Palatana – Surjamaninagar, POWERGRID stated that same has been completed. Tripura stated that they would be ready to draw power at Surjamaninagar by July 2012. There was discussion regarding possibility of closed loop operation of Palatana and R.C.Nagar. It was felt that there should not be any backing down of Loktak or R.C.Nagar to accommodate generation from Palatana.

It was explained by NERLDC that enhanced drawal in South Assam, Tripura and Mizoram will facilitate evacuation of power from Palatana. OTPC stated that their minimum level of generation would be 60% of rated capacity in view of commercial considerations although technically it would be possible to generate at a lower level.

It was decided to have a meeting at NERLDC, Shillong tentatively on 24<sup>th</sup> July, 2012 involving all NER states, OTPC, NETC, POWERGRID and NERPC. NEEPCO and NHPC may also join the meeting. Various load flow cases would be discussed in the meeting to ascertain feasible generation level of Palatana. Tripura, Mizoram and Assam (particularly south Assam data) would submit realistic sub-station wise drawal data pertaining to respective jurisdiction to NERLDC immediately to enable formation of load flow base case before the meeting. OTPC would submit their operational/ commercial data in the meeting to examine the possibility of operating below 60% of rated level.

**c) SEM installation**

NERLDC has finalized list of SEMs to be installed at Palatana and details have been given to NERTS as well as OTPC.

**Deliberation of the TCC:**

OTPC confirmed that same would be completed shortly.

**d) Evacuation of Palatana Power:**

System study for evacuation of Palatana power during **Peak** and **off-peak** period of Jun - July' 2012 taking into account the load- generation scenario of 132kV pocket of N.E. grid has been carried out at NERLDC. From the study results it is found that **250 MW during peak** and **170 MW during off-peak** can be evacuated from Palatana project. (Details of system study enclosed as **Annexure-B.9d**). Further OTPC may confirm the minimum level of generation for each of its modules.

**Deliberation of the TCC:**

As discussed in (b) above.

**e) Augmentation of distribution network:**

To enhance power drawal in Tripura, Mizoram and South Assam portion of the NER grid, augmentation of distribution network in that area is required and should be taken up by respective Agencies on priority basis. Enhancement of power drawl by all these states would help to increase Palatana evacuation.

**Deliberation of the TCC:**

States agreed to look into the issue and furnish latest data to NERLDC.

**f) Merchant sale of OTPC power:**

98 MW out of 726 MW of power of OTPC is for merchant sale. This is as per the petition filed by OTPC to CERC. Pro-rata distribution of contracted capacity will be made amongst all the NE states and OTPC. In absence of LTA and MTOA, merchant power would have to be sold only through STOA.

Scheduling modality of merchant plant will be as per the provision of IEGC. As per clause 6.4.12 of IEGC, in case of any contingency, restricting generation of Palatana, merchant quantum will be curtailed first before any action which would affect the schedule of LTA customer

**Deliberation of the TCC:**

TCC noted the above.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

ITEM NO. B.10	REQUIREMENT OF EQUITY CONTRIBUTION OF ASSAM, TRIPURA, MEGHALAYA & MIZORAM - NETC
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The Pallatana-Silchar and Silchar-Bongaigaon sections of 400 kv D/C transmission line of North East Transmission Company Ltd., (NETC) for evacuation of power from Gas Based Combined Cycle Power Project at Pallatana, Tripura (GBCCPP) of ONGC Tripura Power Company Ltd. (OTPC) are expected to be commissioned in July 2012 and December 2012 respectively. The balance equity to be contributed by Tripura, Mizoram, Manipur and Meghalaya states is given in **Annexure -B.10**. These states are requested to infuse the balance equity immediately since the project is reaching fag end and any further delay may hamper drawing of loan from the lender Power Finance Corporation Ltd., New Delhi (PFC) which may adversely affect the completion of the transmission line.

**Deliberation of the TCC:**

Tripura, Mizoram, Manipur and Meghalaya agreed to look into the matter. NETC requested all the states to expedite and make payment within July 2012.

CE, Nagaland stated that Nagaland would also be contributing equity shortly.

NETC requested Nagaland to make the contribution within July 2012.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

<b>ITEM NO. B.11</b>	<b>UI disbursement in NER – CC meeting</b>
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The matter regarding UI disbursement in NER was discussed in 53<sup>rd</sup> TCC and 55<sup>th</sup> NER Electricity Board meetings held on 9<sup>th</sup> and 10<sup>th</sup>, June, 2005 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 ` 1 Crore. Accordingly, UI disbursement in NER is made within 2 working days of receipt of payment totaling ` 1 Crore in the UI pool Account.

During 18<sup>th</sup> Commercial Committee (CC) meeting the issue of UI disbursement was discussed. At present UI disbursement is made as per CERC (Unscheduled Interchange charges and related matters) (Amendment) Regulations, 2010, when amount received in UI Pool Account irrespective of quantum within 2 working days.

In 18<sup>th</sup> CC meeting, 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 ` 1 Crore*) vis-à-vis payment in line with present regulations of CERC may be put up to next RPC meeting.

**Deliberation of the TCC:**

NERLDC clarified that bank charges have been waived off recently and it would be preferable to continue disbursement in line with CERC regulation.

TCC noted as above.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

<b>ITEM NO. B.12</b>	<b>Video conferencing facility – CC meeting</b>
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In view of future development of power sector in the region, the requirement of Video Conferencing facilities among SLDCs, RLDC and NLDC was discussed during 18<sup>th</sup> CC meeting. The creation of video conferencing facility linking all SLDCs, NERPC, NERLDC, NLDC and other RPCs was felt necessary.

The scheme involves Video Conferencing (VC) equipment for central location (i.e. NERPC) as well as for other locations linked to central location (i.e. SLDCs/Control centres of states, NERLDC, NLDC, other RPCs etc.), lease line connectivity /internet connectivity. It is proposed to link as follows:

- 1) 1<sup>st</sup> Phase: NERPC, SLDCs/ control centre in states, NERLDC and ERPC
- 2) 2<sup>nd</sup> Phase: Other RPCs and NLDC.

After detail discussion, the CC sub-committee agreed for installation of Video Conferencing facilities. It was also decided that creation of such facility should not impose additional financial burden on constituents. NERPC had informed that project should be funded from PSDF. POWERGRID may be entrusted with the responsibility for preparation of DPR and execution of work.

**Deliberation of the TCC:**

POWERGRID clarified that the above facility of connecting SLDCs and RLDC would be available in the scheme of up-gradation of SLDCs in NER as discussed under Item B.2.

TCC decided to defer the item for the time being.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

<b>ITEM NO. B.13</b>	<b>Representation of Member Secretary as Adviser (Power) in North Eastern Council (NEC) - NERPC</b>
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Member Secretary, NERPC had been associated with NEC and was holding the post of Adviser (Power) of NEC during the past years till 2000. Since Member Secretary, NERPC is well acquainted in power scenario in the region and being an officer from CEA having vast knowledge in power sector, his representation in NEC as Adviser (P) would enhance the benefit for overall power development in the region.

During the 9<sup>th</sup> NERPC meeting, the Hon'ble Ministers of Power agreed to write to Hon'ble Minister for Development of North Eastern Region (DONER), Govt. of India in this regard for representation of Member Secretary, NERPC as Adviser (Power in NEC.

**Deliberation of the TCC:**

Referred to RPC

**Deliberation of the RPC:**

Hon'ble Power Minister, Govt. of Meghalaya informed that he had taken up the matter with Union Minister of DoNER, Govt. of India as well as Union Minister of Power, Govt. of India for representation of Member Secretary, NERPC as Adviser

(Power), NEC. However, no communication has been received. He requested the house to pass a Resolution on this issue. He also requested Chairman, NERPC to fix an appointment with Union Power Minister and Minister of DoNER, Govt. of India to discuss the issue.

***The RPC passed a Resolution in this regard.***

<b>ITEM NO. B.14</b>	<b>Under generation by CSGS of NER - APDCL</b>
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The generation pattern of the various Central Sector Generating Stations (CSGS) of NER for the last three years is as follows:

Station	Unit	D.E./Normative Energy	2009-10	2010-11	2011-12
KHEP	MU	1186	697	694	900
KHEP-II	MU	86	78	80	92
KHNDG	MU	277	150	157	177
RHEP	MU	1509	1019	1400	970
DHEP	MU	227	172	245	219
AGBPP	MU	1978*	1710	1798	1732
AGTPP	MU	619*	640	624	648
Loktak	MU	448	328	590	508

\* Normative Energy of AGBPP and AGTPP are considered @ 80% and 85% PLF.

It is seen that stations like KHEP, Khandong and RHEP of NEEPCO are generating far below their expected level in comparison to the station-wise design energy. AGBPP is also somehow maintaining plant availability at the level of 70%-72% which is also not at all encouraging.

Under the new Electricity Act, 2003, with aim of reforms in Electricity Sector, the Distribution Licensees are mainly entrusted with the distribution of electricity whereas the generation of electricity is entrusted with the Central Sector Generating agencies as well as Independent Power Producers. Distribution Licensees are helpless unless they get adequate support from Generators. Therefore, the Generators have now specific responsibility to exert its all out efforts to generate electricity to the optimum level so that the ultimate consumers can be served to the extent possible under the prevailing power deficit condition also.

The forum may kindly deliberate on the issue and urge all the generators to maintain their generation level to the extent possible and also advise the low performing Generating stations to increase their generation level in the interest of ultimate consumers.

**Deliberation of the TCC:**

ED (O&M), NEEPCO emphasized that the stations under NEEPCO have all along been performing at the highest level. The gas stations of NEEPCO (AGBPP & AGTPP) have been recognized by CEA for their outstanding performance. The hydro stations of NEEPCO have also been getting very high availability and generation has been low only due to less rainfall which is beyond the control of NEEPCO. He further stated that less generation in Kopili HEP is also attributable to acidic nature of water which has been deliberated earlier in RPC level.

Chairman, TCC appreciated the good performance of NEEPCO and hoped that NEEPCO would continue their good work by minimizing forced shutdowns.

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

<b>PART: C</b>	<b>ITEMS FOR INFORMATION</b>
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<b>ITEM NO. C.1</b>	<b>SPECIAL PROTECTION SCHEME FOR NORTH EASTERN REGION- PGCIL</b>
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During the 12<sup>th</sup> NERPC meeting, POWERGRID informed that the SPS for NER would be completed by December, 2011. Accordingly, the scheme has been commissioned during December 2011. With the completion of 132 kV Loktak-Ningthoukhong line the SPS scheme has been completed as decided in Special TCC meeting held on 3<sup>rd</sup> July, 2009.

**Deliberation of the TCC:**

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

<b>ITEM NO. C.2</b>	<b>INSTALLATION OF LINE REACTOR AT KATHALGURI END OF MISA - KATHALGURI LINE- PGCIL</b>
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During the 11<sup>th</sup> NERPC meeting NEEPCO and POWERGRID agreed to sign the agreement at the earliest. Regarding cost of Reactor, MS, NERPC clarified that earlier RPC had approved the estimated cost only; revised cost if any, may be put up to RPC again to get it approved.

During 12<sup>th</sup> NERPC meeting, POWERGRID requested NEEPCO to give the consent for tendering process so that the tendering processes can be started. The agreement between NEEPCO and POWERGRID has been signed on 29<sup>th</sup> May, 2012. The job is under tendering process. The same will be monitored in OCC meetings.

**Deliberation of the TCC:**

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

ITEM NO. C.3	<b>COMMISSIONING OF BUS REACTORS AT BALIPARA AND BONGAIGAON- PGCIL</b>
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The 400 kV System voltage in NER Grid is consistently high. During 71<sup>st</sup> OCC (12.03.12), presentation given by NERLDC indicates voltage at 400kV level in Misa, Balipara & Bongaigon substation exceeds operating range as specified in IEGC

The OCC Sub-Committee requested POWERGRID to expedite the commissioning of 80 MVAR, 400 kV Bus Reactors to mitigate the issue of over voltage in the grid at the earliest.

In the interest of the system it is therefore essential that the 400 kV, 80 MVAR bus reactors at Balipara (under ATS of Kameng Transmission Project) & Bongaigaon (under ATS of Palatana) are commissioned at the earliest. Both these reactors have accordingly been scheduled for commissioning in July, 2012 after which they would be put into Commercial Operation.

**Deliberation of the TCC:**

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

ITEM NO. C.4	<b>WITHDRAWAL OF CRPF DEPLOYED AT LOKTAK POWER STATION</b>
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NHPC informed that in reference to item No. 3.1 of the 11<sup>th</sup> NERPC meeting, CMD, NHPC has taken up the matter with Secretary (Power), Ministry of Power, Govt. of India vide their letter dated 17.03.2011 for approaching Ministry of Home Affairs for reconsidering the decision of withdrawing CRPF from Loktak Power Station in the interest of security of the power station and work force posted. Secretary (Power), Ministry of Power intervened in the matter and requested Home Secretary, Ministry of Home Affairs vide D.O letter dated 01.04.2011. Hon'ble Minister of Power, Govt. of India has also requested Hon'ble Home Minister, Govt. of India vide D.O Letter dated 25.04.2011 requesting for reconsideration of the decision. CMD, NHPC has again requested Secretary (Power), Ministry of Power vide letter dated 28.07.2011 in this regard.

NHPC once again request Govt. of Manipur as well as NERPC to take up the matter at their level also as replacement of CRPF with CISF for security of Loktak Power Station will neither be in the interest of the project nor for the Home state and other states of NER.

Chairman, NERPC & Hon'ble Power Minister, Govt. of Meghalaya vide letter dated 28.10.2011 has written letters to Hon'ble Chief Minister & Power Minister, Govt. of Manipur requesting them to take up the matter with Ministry of Home Affairs and Ministry of Power to keep CRPF personnel as security for maintenance of Loktak Power station as requested by NHPC instead of CISF.

Dept. of Power, Govt. of Manipur vide their letter dated 8<sup>th</sup> May, 2012 has informed that Ministry of Power, Govt. of India conveyed that there was no such decision to replace CRPF by CISF for providing security to the Loktak Power Station of NHPC.

**Deliberation of the TCC:**

***For information to the RPC members.***

**Deliberation of the RPC**

***The RPC noted as above.***

<b>ITEM NO. C.5</b>	<b>Expenditure for New NERPC Secretariat Complex - NERPC</b>
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NERPC Secretariat cum residential Complex is now ready and the office would be shifted soon from the present rented building to the new complex. Expenditure relating to furnishing of Office Complex and Guest House may kindly be contributed by the constituents as the same has been practiced in other regions also. The tentative expenditure has been worked out by calling some of the reputed firms in Shillong and the amount is ` 1.5 Crores.

During 12<sup>th</sup> NERPC meeting it was agreed that Central Utilities will contribute an amount of ` 20 Lakhs each and NER States ` 5 Lakhs each. The Status of the contribution received is as under:

(In ` Lakhs)

Sl. No.	Name of Utility	Contribution Received
1	NTPC	20
2	NHPC	20
3	POWERGRID	20
4	NEEPCO	20
5	OTPC	20
6	Assam	5
7	Tripura	5
	<b>Total</b>	<b>110</b>

The contributions from NVVN, PTC, Ar. Pradesh, Meghalaya, Manipur, Mizoram and Nagaland have not been received. The furnishing activity has been initiated by NERPC.

**Deliberation of the TCC:**

PTC and NVVN requested that their contribution may be considered at par with the states in the region as they are traders.

***TCC referred to RPC.***

**Deliberation of the RPC**

***The RPC endorsed the request of PTC and NVVN.***

ITEM No. C.6	<b>Computation of Drawal/Injection taking into account transformation loss- NERPC</b>
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While computing net drawal/injection of constituents, standby energy meter is being used in case of non-availability/malfunctioning of main meter. Using standby meter without accounting for transmission loss results in inflated regional pool loss which is not desirable. Following transmission/transformation losses are being considered in UI Accounting since 30-04-2012. Accordingly, in line with practice being followed by Northern Region, the multiplying factor is being applied with standby meters.

Votage Level	Loss (in %)
400kV	1.5
220kV	3
132kV	4

**Deliberation of the TCC:**

*For information to the RPC members.*

**Deliberation of the RPC**

*The RPC noted as above.*

<b>ITEM No. C.7</b>	<b>Pool adjustment for Hydro Power generating Stations</b>
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In pool adjustment of UI Accounting, payment/ receivable in respect of ER is settled on priority basis to prevent mismatch in the inter-regional UI accounts. ISGS (excluding Hydro generating stations) were also treated on same footing with ER and pool adjustments were done from beneficiaries and Hydro generating stations only. Based on the discussions in the 18th CCM, all ISGS including hydro generating stations are being treated at same footing with ER since 02/04/2012 while adjusting UI Pool on daily basis.

**Deliberation of the TCC:**

*For information to the RPC members.*

**Deliberation of the RPC**

*The RPC noted as above.*

<b>ITEM No. C.8</b>	<b>Commissioning Schedule of Generation Projects in NER</b>
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The proposed dates of commissioning of various Generating Projects in NER are as below:

SN	AGENCY	PROJECT	COMMISSIONING SCHEDULE
1	NHPC	Lower Subansiri	12 <sup>th</sup> Plan
2	NEEPCO	Kameng HEP	June 2016
3	NTPC	Bongaigaon TPS	1 <sup>st</sup> unit: 9/13, #2: 7/14, #3: 12/14
4	OTPC	Pallatana GBPP	Module-I: August 2012.
5	NEEPCO	Tuirial HEP	August 2015
6	NEEPCO	Pareh HEP	December 2014

**Deliberation of the TCC:**

*For information to the RPC members.*

**Deliberation of the RPC**

*The RPC noted as above.*

<b>PART: D</b>	<b>ITEMS FOR APPROVAL</b>
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<b>ITEM NO. D.1</b>	<b>Procurement of Accounting Software for NERPC - NERPC</b>
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The members of commercial co-ordination sub- committee has agreed for procurement of software for preparation of various accounts issued by NERPC including office management software modules. It was agreed in 18th CC meeting, that PSUs of the region would share the cost of the software equally. Estimated cost for procurement of software would be about ` 25 lakhs. NERPC Secretariat may be allowed to go for limited tendering for procurement of above software.

**Deliberation of the TCC:**

The TCC recommended NERPC Secretariat to go for limited tendering and place the purchase order for procurement of the software up to ` 25 lakhs. The PSUs of the region would share the cost of the software equally.

**Deliberation of the RPC:**

*The Committee endorsed the decision of TCC. The cost of the software shall be shared equally amongst the PSUs of the region (i.e. NEEPCO, NHPC, POWERGRID & NTPC) and OTPC.*

PART: E	ANY OTHER ITEMS
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**E.1 Assam requested to treat Monarchak of NEEPCO as a regional project.**

NEEPCO informed the matter is being reviewed and the same will be intimated accordingly.

*TCC/RPC noted as above.*

**E.2 Setting-up of Insulation Oil Testing Laboratory (IOTL) at Misa.**

POWERGRID informed the members that IOTL has been installed at Misa where all testing related to insulating oil can be carried out at a reasonable rate. They requested all the constituents to avail the facility. The presentation given by POWERGRID is enclosed at **Annexure E.2.**

*TCC/RPC noted as above.*

PART: F

RESOLUTIONS TAKEN DURING THE 13<sup>TH</sup> RPC MEETING

The North Eastern Regional Power Committee (NERPC) unanimously passed the following resolution during the 13<sup>th</sup> NERPC to be submitted to Union Power Minister, Govt. of India.

**RESOLUTION 1:**

**INCLUSION OF SIKKIM STATE AS CONSTITUENT OF NORTH EASTERN REGIONAL POWER COMMITTEE**

Ministry of Power, vide their Resolution dated 25.05.2005 and subsequent amendments has established Sikkim as a constituent member of Eastern Regional Power Committee (ERPC). All the developmental activities in Sikkim State are taking place with financial assistance through North-Eastern Council (NEC)/ Ministry of Development of North Eastern Region (DoNER), including States of NE Region. The benefit of all developmental activities is being utilized by the States in Eastern Region.

We, therefore, humbly submit to kindly consider inclusion of State of Sikkim as constituent member of North Eastern Regional Power Committee and to make necessary amendment of the relevant provisions in the resolution dated 25.05.2005 published in the Gazette of India.

*We request your good self to consider for inclusion of the state of Sikkim as constituent member of NERPC so that share of Power from generation projects in the state of Sikkim is allocated to NE States because Sikkim is a constituent state of NEC and all the development fund allocated to NEC is being shared by Sikkim along with other NE States.*

## RESOLUTION 2:

### IMPACT OF GAS PRICE HIKE

The exorbitant hike (116%) of natural gas price which came into effect during June, 2010 has affected all the gas based stations in North Eastern Region. The impact of price hike was further compounded by making the domestic price linked to dollar exchange rate. Considering the weak financial condition and very limited resources in the region, common people cannot afford to buy electricity at high price.

*We, therefore, request your good self to intervene in the matter to reduce and roll back the pricing of gas and remove the linkage between gas prices with dollar exchange rate for upliftment of NE Region.*

## RESOLUTION 3:

### SETTING-UP/UP-GRADATION OF SLDCs IN NER:

In Phase I of Unified Load Despatch Centre (ULDC) schemes of North Eastern Region only Remote consoles have been installed in the states of Manipur, Mizoram, Arunachal Pradesh & Nagaland. In Assam, Meghalaya & Tripura full fledged State Load Dispatch Centres (SLDC) were installed.

Under Phase II of the scheme, full fledged SLDCs for Ar. Pradesh, Manipur, Mizoram & Nagaland is required to be set up and at the same time up-gradation of existing SLDCs in Assam, Meghalaya & Tripura at is being considered. The estimated cost for setting up of new SLDCs would be ` 215 Crores and for up gradation is ` 22 Crores.

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.

At present, the scheme under Phase – II is proposed to be implemented in an integrated and compatible manner in all SLDCs of NER at an estimated cost of ` 237 Crores.

*Considering the poor financial position and very limited resources as compared to other regions in the country, We earnestly request your good self to intervene in the matter and necessary funding be provided through DoNER/NEC for setting up of SLDCs in Manipur, Mizoram, Arunachal Pradesh & Nagaland and up-gradation of SLDCs in Assam, Meghalaya & Tripura.*

#### RESOLUTION 4:

#### **FUNDS FOR ADDITIONAL REQUIREMENT OF OPGW BASED COMMUNICATION SYSTEM IN NER.**

As per Clause No. 4.6.2 of CERC Regulations of Indian Electricity Grid Code (IEGC), reliable and efficient Speech and Data Communication System shall be provided to facilitate necessary communication and data exchange, and supervision / control of the grid by the RLDC, under normal and abnormal conditions.

All users/STUs in co-ordination with Central Transmission Utility (CTU) shall provide the required facilities at the respected ends specified in the Connection Agreement.

Optical Fibre Ground Wire (OPGW) in NER was discussed during 11<sup>th</sup> TCC & 11<sup>th</sup> NERPC held at Kolkata on 5<sup>th</sup> & 6<sup>th</sup> May'11 and was agreed in principle. During 13<sup>th</sup> NERPC meeting, the issue was again discussed for implementation of OPGW network. It is informed by POWERGRID that 611 kms of OPGW network will be required for State networks in the N.E. region at an estimated cost of ` 25 Crores.

*There is an urgent need for implementation of the OPGW based communication network for the benefit of the region. The States could not arrange the fund from their own resources. We would therefore, request your good self to intervene in the matter to get the project funded through NEC/DoNER.*

#### RESOLUTION 5:

#### REPRESENTATION OF MEMBER SECRETARY, NERPC AS ADVISER (POWER), NORTH EASTERN COUNCIL (NEC)

The North Eastern Regional Power Committee (NERPC) has been established vide Ministry of Power Resolution dated 25.05.2005 and subsequent Amendments under Sub-section (55) of section 2 of Electricity Act 2003 for facilitating integrated operation of the power system in the region. Section 29 (4) of the act further provides that Regional Power Committee (RPC) in the region may, from time to time, agree on matters concerning the stability and smooth operation of the integrated grid and economy and efficiency in the operation of power system in the region.

The North Eastern Council (NEC) is the nodal agency for the economic and social development of the North Eastern Region which consists of eight states of Ar. Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim & Tripura. Some of the power development projects in the region are being funded by NEC.

Up to 1999, NERPC (erstwhile NEREB) was represented in NEC through Member Secretary, NERPC as ex-officio Adviser (Power) to advise NEC on matters related to power sector in North Eastern States including Sikkim.

Since Member Secretary, NERPC is familiar with power sector development and related issues of North Eastern States and can advise NEC effectively on the matter pertaining to power sector development of North Eastern Region. It is requested that Member Secretary (NERPC) may be considered for appointment as ex-officio Adviser (Power) in NEC.

*We would therefore request your good self to intervene the matter with Minister of DoNER, Govt. of India for consideration of Member Secretary, NERPC as Adviser (Power), North Eastern Council (NEC).*

<b>Date &amp; Venue of the next meeting</b>
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The next meeting of TCC & NERPC is proposed to be held in Oct/Nov, 2012. Exact dates and venue shall be intimated later. As per roster POWERGRID will be the host for the 14<sup>th</sup> TCC/RPC Meetings.

*The meeting ended with thanks to the Chair.*

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ANNEXURES

**List of Participant in 13<sup>th</sup> TCC Meeting**

<b>Organisation</b>	<b>Name S/Shri</b>	<b>Designation</b>
<b>Arunachal Pradesh</b>	1. J. Tato 2. B.S. Kaneri	CE (WEZ) SE (RW)
<b>Assam</b>	1. D. P. Das 2. B. Paul 3. N.C. Das 4. A.C.S Barua 5. S. Baruah 6. J. K. Baishya 7. K. Goswami	MD, AEGCL CGM, (Comml), AEGCL CGM, (LD&C), AEGCL CGM, APDCL GM (Com), APGCL AGM, SLDC, AEGCL AGM (Comml), APDCL
<b>Manipur</b>	1. L. Priyokumar 2. M. Jadumani Singh	Addl. Chief Engineer (P) Superintending Engineer (P)
<b>Meghalaya</b>	1. C.D. Saio 2. K. Marbaniang 3. A. Kharpan	Director (Distribution) Director, (Transmission) Superintending Engineer, SLDC
<b>Mizoram</b>	1. C. L. Thangliana. 2. C. Lianlunga 3. Lalduh Zuala	Engineer- in- Chief Superintending Engineer (SLDC) Superintending Engineer
<b>Nagaland</b>	1. K. Miachieo 2. T. Walling	Chief Engineer (P) & TCC Chairman Executive Engineer (T)
<b>Tripura</b>	1. M. K. Chowdhury 2. M. Debbarma	Director (T), TSECL Addl. General Manager, TSECL
<b>NHPC</b>	1. M.S. Babu 2. V.K. Karn 3. Nikka Ram 4. Y. Surjamani Singh 5. Md. Faruque	Executive Director (Comml) Chief Engineer Chief Engineer (Coml) Sr. Manager Dy. Manager (Coml)
<b>NEEPCO</b>	1. P. K. Singha 2. Smt. D. Dey 3. Bhaskar Goswami	Executive Director (O&M) General Manager Sr. Manager (E)
<b>NERLDC</b>	1. T. S. Singh 2. R. Sutradhar	Addl. General Manager Chief Manager
<b>POWERGRID</b>	1. D. K. Sarma 2. A. Patir 3. Kamal Sarkar 4. A.S. Kushwaha 5. Prasanta Kanungo	Executive Director, NERTS General Manager, NERTS Addl. General Manager (OS) Addl. General Manager (LD&C) Chief Manager , NERTS

**ANNEXURE - I**

<b>Organisation</b>	<b>Name S/Shri</b>	<b>Designation</b>
<b>NTPC</b>	1. M.S. Soin 2. S.K. Kar	Regional ED (East – II) Addl. General Manager (OS)
<b>NVVN</b>	1. K.S. Bandyopadhya 2. Ranjana Gupta	DGM (BD) DGM (BD)
<b>CEA</b>	1. Ravinder Gupta	Director (SP&PA)
<b>OTPC</b>	1. Shree Narayan 2. Amit Dabas	DGM Asst. Manager
<b>NETC</b>	1. Umesh Chandra	Managing Director
<b>PTC</b>	1. Rajiv Kr. Mishra 2. Harish Saran	Executive Director Executive Vice President
<b>ERPC</b>	1. Subhro Paul 2. S. Kejriwal	Executive Engineer Executive Engineer
<b>NERPC</b>	1. A.K. Mishra 2. S.K.Ray Mohapatra 3. B. Lyngkhoi 4. Lalrinsanga 5. D. K. Bauri 6. S.M. Aimol	Member Secretary I/C Suptdg. Engineer (Comml) Suptdg. Engineer (O) Executive Engineer (Coml) Executive Engineer Executive Engineer

ANNEXURE-II

**List of Participant in 13<sup>th</sup> NERPC Meeting**

<b><u>Name</u></b>	<b><u>Designation</u></b>
1. Sh. D.Y. Sema	Hon'ble Power Minister, Govt. of Nagaland & Chairman, NERPC
2. Er. A. T. Mondal	Hon'ble Power Minister, Meghalaya
3. Sh. Manik Dey	Hon'ble Power Minister, Govt. of Tripura
4. Sh. Tanga Byaling	Hon'ble Power Minister, Govt. of Ar. Pradesh

<b>Organisation</b>	<b>Name S/Shri</b>	<b>Designation</b>
<b>Arunachal Pradesh</b>	1. J. Tato 2. B. S. Kaneri	Chief Engineer (Power) West Zone Superintending Engineer
<b>Assam</b>	1. S. C. Das 2. D. P. Das 3. B. Paul 4. N. C. Das 5. A.C. Sharma Barua 6. S. Baruah 7. K. Goswami 8. J. K. Baishya	CMD, APDCL MD, AEGCL CGM, AEGCL CGM, SLDC, AEGCL CGM, APDCL G.M.(Com. T), APDCL AGM (Comm), APDCL AGM, SLDC, AEGCL
<b>Manipur</b>	1. L. Priyokumar 2. M. Jadumani Singh	Addl. Chief Engineer (P) Superintending Engineer (Elect.)
<b>Meghalaya</b>	1. B.K.Devvarma 2. C.D. Saio 3. K. Marbaniang	ACS Power Director (Dist.) Director (Transmission)
<b>Mizoram</b>	1. C.Lianlunga 2. Lalduhzuala Sailo	S.E., (SLDC) Superintending Engineer (Comm.)
<b>Nagaland</b>	1. R.B.Thong 2. Tiameren Walling 3. Er K.Miachieo	Principal Secretary (Power) E.E. (T) Chief Engineer (Power)
<b>Tripura</b>	1. N.S.Chakraborty 2. M.K. Chakrabarty 3. M. Debbarma	CMD, TSECL Director (T), TSECL Additional General Manager, TSECL
<b>NEEPCO</b>	1. P.C.Pankaj 2. Utpal Mural 3. A.G.West.K 4. P. K. Singha 5. Bhaskar Goswami	CMD, NEEPCO Director (T) Director (F) E.D.(O&M) Sr. Manager
<b>NHPC</b>	1. M.S.Babu 2. S.K.Aggarwal 3. Nikka Ram 4. V.K.Karn 5. M.D.Faruque 6. Y.Surjamani	E.D. (Comm.) E.D.(O&M) C.E.(Comm) C.E.(Loktak) DM (Comm) M(E)

**ANNEXURE-II**

<b>Organisation</b>	<b>Name S/Shri</b>	<b>Designation</b>
<b>NERLDC</b>	1. T.S.Singh 2. R. Sutradhar	Addl. General Manager Chief Manager
<b>POWERGRID</b>	1. Mahender Singh 2. D.K.Sarma 3. R.P.Sasmal 4. Kamal Sarkar 5. A.S. Kushwaha 6. P.Kanungo 7. A. Patir	E.D. (Comml.) GM (F/C), NERTS E.D. (OS) AGM (OS) AGM (LD&C) CM (OS) G.M
<b>CEA</b>	1. Ravinder Gupta	Director
<b>OTPC</b>	1. S. K. Dube	Managing Director
<b>NTPC</b>	1. M. S. Soin 2. S. K. Kar 3. Shyam Kumar	RED (East-II) AGM (Comml.) DGM (Comml.)
<b>NETC</b>	1. Umesh Chandra	Managing Director
<b>PTC</b>	1. Deepak Amitabh 2. Rajiv K. Mishra 3. Harish Saran	Director E.D EVP
<b>NVVN</b>	1. A. K. Maggu 2. K. S. Bandyopadhyay	G.M DGM (BD)
<b>ERPC</b>	1. Subhro Paul 2. S. Kejriwal	E.E E.E
<b>NERPC</b>	1. A. K. Mishra 2. S. K. R. Mohapatra 3. B. Lyngkhoi 4. Lalrinsanga 5. D. K. Bauri 6. S. M. Aimol	M S I/C SE (Comml.) SE (O) AS E.E (O) E.E (Comml.)

**SPEECH BY SHRI D. Y. SEMA,  
CHAIRMAN, NERPC & MINISTER OF POWER,  
GOVT. OF NAGALAND ON THE OCCASION OF THE  
13<sup>TH</sup> MEETING OF THE  
N.E. REGIONAL POWER COMMITTEE  
ON 10<sup>TH</sup> JULY 2012 AT FARIDABAD**

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My esteemed colleagues, Hon'ble Power Ministers of North Eastern States, distinguished delegates of States and Central Utilities, Generating Companies, Trading Organizations, Guests, Ladies and Gentlemen.

Very good morning to you all.

I feel privileged to have this opportunity on the occasion of the 13<sup>th</sup> NERPC meeting, a forum to sort out various issues/ problems of the North Eastern Region, in respect of Generation, Transmission and Distribution of Power. I expect this meeting to chalk-out definite strategies to resolve various obstacles confronted by Power Utilities of North Eastern Region.

I would like to thank Shri T. N. Thakur, CMD, PTC and his team for making all efforts to host such important event in such a short notice for the interest of overall power development of North-eastern part of India.

I would like to extend a warm welcome to all the participants of the 13<sup>th</sup> NERPC meeting in Faridabad. I am sure all the Delegates are having a comfortable stay here. I also hope that many important technical/commercial issues has already been deliberated in yesterday TCC meeting which will benefit all the NER States in particular and the country in general.

All are aware that power demand is always on the increasing trend in all the states of NER.

At present the major problems encountered by the North Eastern States are acute shortage of power and transmission and distribution constraints. It is worthwhile to mention the progress in the execution of the ongoing hydro and thermal Projects in NER by Central Sector and other Agencies with special mention of the Palatana GBPP at Tripura and Bongaigaon TPS at Assam. The timely commissioning of these projects along with the strengthening of the associated transmission systems would certainly transform the power scenario in the region and usher in a new era in the economic development of the NER states. All states specially Tripura, Assam (South Assam) and Mizoram should try to absorb the maximum power from Palatana GBPP by removing their transmission & transformation constraints. NERPC and NERLDC should take a lead role in co-ordinating with all the NER States and other agencies to see that all technical / commercial issues are settled amicably.

I may also like to mention that up-gradation of SLDCs in the states of Assam, Meghalaya & Tripura with the latest technology & setting up of full-fledged SLDCs in the remaining four States of NER is the most important and need of the hour.

I also urge early completion of ongoing hydro projects of Lower Subhansri, Pare and Tural with their associated transmission systems.

NERPC members should extend support to each other in resolving various technical problems and find a way out to liquidate various outstanding dues.

Before I conclude, I wish to extend my special thanks to the organizers of the meetings namely, the NERPC and PTC India Ltd., without their support hosting of such momentous event will not be a success.

Let us strive to overcome all shortcomings and work together for a bright future!

**Jai Hind!**

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**SPEECH BY SHRI A.T.MONDAL, FIE,  
MINISTER OF POWER,  
GOVT. OF MEGHALAYA ON THE OCCASION OF THE  
13<sup>TH</sup> MEETING OF THE  
N.E. REGIONAL POWER COMMITTEE  
ON 10<sup>TH</sup> JULY 2012 IN FARIDABAD**

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My dear colleagues from North Eastern States, Officials representing the State Governments, Corporations, Central and Trading Organizations, distinguished Guests, Ladies and Gentlemen and friends from the Media.

It gives me immense pleasure to be present here amidst you all in this august gathering.

First of all, I would express my sincere thanks to my colleague, Shri Doshe Y. Sema, Minister of Power, Govt. of Nagaland & Chairman, NERPC for inviting me to this forum and to Shri T. N. Thakur, CMD, PTC India Limited for hosting this auspicious event yesterday and today. I believe all of us are comfortable and happy to be here.

I strongly urge each and every member present here to sincerely participate in the discussion so as to reach an amicable consensus on the agenda items for the benefit of all concerned.

I am happy to inform this house that the first two units of the long awaited (3x42MW) Myntdu – Leshka HEP in Meghalaya were synchronized and commissioned on November'11 and March'12 respectively. The third unit will be commissioned soon. Rural electrification in Meghalaya is going on in full swing and it is expected that all the RGGVY projects will be completed within this financial year. A total of 1481 villages will be electrified in the current five year plan under RGGVY villages in Garo Hills. With the recent commissioning of 132 KV Sumer-Mawngap lines and 2x20 MVA substation at Mawngap village, the flow of power through the long overloading of 132KV Sumer-Mawlai line during peak hours is reduced and voltage profile of Mawlai and NEHU sub stations improved.

**Annexure - IV**

It is an undeniable fact that power demand has always shown an increasing trend all over the country as well as in all the North Eastern States. At present the major problems encountered in the region are, inter-alia, inadequate generating capacity, the skewed thermal-hydro mix of the presently available generating capacity, transmission constraints mainly due to inadequacy of transmission network in the Region and due to non-existence of vital transmission links and long outage of important elements in the network. It is heartening to note that progress have been made in the execution of the ongoing hydro and thermal projects in NER by Central Sector and other Agencies with especially Bongaigoan Thermal Power Stations in Assam and Pallatana Gas Based Station in Tripura respectively.

Meghalaya will greatly benefit if the first unit of 363MW, plant at Pallatana Gas Based Power Plant is commissioned in July'12. We look forward to the successful commissioning of the second unit as well. It should also be the duty of this forum to take up with the concerned Ministry (ies), Government of India to expedite the arrangement for funding for more generation and transmission Projects in the Region. It is pertinent to state that whereas the execution of new projects and transmission system are of extreme importance and are to be closely monitored, optimum utilization of the existing available generation and transmission capacity is equally important. It is, therefore, imperative that sincere efforts towards reduction of machine and line outages as laid down in IEGC and other guidelines may be made with a view to avoid wastage of available resources which is not only a loss to the concerned generating agency and the beneficiaries but also tantamount to national loss.

It may also be noted that presently MeECL is passing through tough times in making payment to the generators and CTU due to unsettled dispute over the pending energy bills pending at the Supreme Court of India. Besides other reasons, but I am sure that the case will be settled this year and the Hon'ble Supreme Court pass favorable judgement to MeECL.

I would also like to mention that up-gradation of SLDC in the state of Meghalaya with the latest technology is very important and the need of the hour.

**Annexure - IV**

Implementation of CERC's regulations for maintaining grid discipline, demand management, load forecasting, selling & buying of power, open access activities etc. would be very difficult unless SLDCs are in place.

Recently, the Meghalaya State Electricity Regulatory Commission has notified three major regulations viz., Meghalaya Electricity Supply Code 2012, the MSERC (Terms & Conditions of Open Access) Regulations, 2012 and the MSERC Grid Code 2012. Such milestones in the highway of Regulatory affairs will definitely pave the way for streamlining the mode of operations of electricity in the State and the Independent Power Plants to avail power from supplier of his choice through open access.

Meghalaya is endowed with abundant resources for development of power especially hydro potential. Unfortunately, most of these resources remain untapped. In this regard, Meghalaya is making sincere efforts towards addition of generation capacity, improvement of inter-state and intra-state connectivity, implementation of various schemes initiated by Government of India like R-APDRP and RGGVY with the ultimate objective of providing electricity for all. Construction of new Umtru HEP (2x20MW) is in full swing. Barring few obstacles in getting right of way to erection of towers and stringing of line at few locations the construction of 132KV Agia-Nangalbibra is nearing completion. Once again, it is my sincere request to PGCIL take top priority to ensure that the construction of LILO of 400 kV Pallatana – Bongaigaon line along with 400/220 kV Sub-Station at Byrnihat is completed at the earliest. I would request my counterparts from Assam to put all efforts for completion of the LILO lines and substations at Hailakandi and Azara respectively, so that full utilization of power from Palatana project is tapped for the interest of all the Beneficiaries in the NE Region.

After the enactment of the Electricity Act, 2003, a number of changes have been introduced in the power sector which gives rise to new challenges and opportunities. In this regard mention may be made of the de-licensing of generation, open access in transmission and distribution, recognition of power trading as a distinct activity, encouragement of captive plants, functioning of regulatory commissions at the Central and State level.

**Annexure - IV**

There are also ambitious plans for capacity addition in generation, incentives and disincentives for maintaining grid discipline, decentralized management of distribution through franchisees and others, provision for private transmission licensees, with the aim to make power affordable to the common man.

Under the existing scenario, the role of NERPC as a co-coordinating agency for the integrated operation of power system and other assigned activities need no further emphasis. I am happy to note that this organization has been playing pivotal role for improvement of power system in NER. Further, the efforts of NERPC on matters relating to training of personnel in power sector in India & abroad in order to equip them with knowledge on the latest technological advancement is indeed laudable. I feel that such training programmes should be encouraged and conducted more frequently.

Before I conclude, I wish the deliberations at this important event a great success.

Let us strive to overcome all shortcomings and work together for a bright future!

**Jai Hind!**

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**SPEECH BY SHRI MANIK DEY  
HON'BLE MINISTER OF POWER, TRANSPORT,  
RD(PANCHAYAT), URBAN DEVELOPMENT, FOOD,  
CIVIL SUPPLY & CONSUMER AFFAIRS & LABOUR,  
GOVERNMENT OF TRIPURA**

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**Hon'ble Power Minister of Nagaland and Chairman of NERPC.**

Hon'ble Power Ministers of North Eastern States, Officers of State Power Departments/State Power Utilities, Central Power Utilities, Senior Officers of Central and State Governments, Distinguished Guests & Special Invitees, Ladies and Gentlemen.

- I like to sincerely thank the PTC India Ltd for the excellent arrangements they have made for organizing this meeting. I would like to thank both NERPC and NERLDC for providing continued assistance to Tripura in managing day to day power supply in the state.
- NERPC is working tirelessly to make NER Power System economic, efficient and reliable. I believe that meaningful and actionable outcome of today's deliberation would further supplement the present efforts of NERPC Secretariat. This is essential for meeting our objective of providing power to every citizen of this region at an affordable price.
- We are experiencing a huge energy demand growth in Tripura and other adjoining states. Under such situation matching generation is a concern for all of us. From the information of OTPC it is understood that 1<sup>st</sup> Unit of Pallatana Gas Thermal Project would be commissioned in July' 2012 followed by 2<sup>nd</sup> Unit in Dec' 2012. This would definitely provide us a much awaited relief in meeting the demand. The 400 KV Associated Transmission System (ATS) of Pallatana Gas Thermal Project up to Silchar is also expected to be commissioned matching the generation schedule. This will provide necessary drawal linkage for Pallatana Power. Forest clearance for the Silchar – Bongaigaon portion has also been obtained and we hope work for this portion will also be completed by Dec'2012. Accordingly evacuation of full Pallatana

**Annexure - V**

power would be possible by Dec'2012. However I would urge upon all concerned to take up initiative for the strengthening and augmentation of all the allied 132 KV transmission lines.

- Evacuation of power from Pallatana project through single 400 KV D/C transmission line up to Bongaigaon covering a distance of about 650 Km may not provide much reliability. Therefore alternative linkage needs to be thought of. It is understood that one 400 KV D/C transmission line is being constructed from North Bengal to Bangladesh. Government of India may examine the possibility of establishing a linkage with National Grid through Bangladesh to ensure better reliability.
- Another important issue of concern to all of us is the hike (116%) of natural gas price which came into effect during June 2010. The impact of price hike was further compounded by making the domestic gas price linked to dollar exchange rate. Gas purchased by state power utilities from GAIL / ONGC is exclusively from local gas reserve fields, therefore there is no rationale for linking purchase cost of such gas with dollar exchange rate. Gas pricing linked with present rising trend of dollar exchange rate is seriously impacting all power utilities and cannot be passed on the consumers as it will cause hike in tariff beyond the affordability of consumers.

This house may therefore pass a unanimous resolution urging the Central Government to roll back the pricing of gas and remove the linkage between gas prices with dollar exchange rate.

- Central generating and transmission utilities have been passing on additional cost to state utilities, including charging huge arrears, through CERC orders. One the other hand, States are finding it hard to pass on the entire burden to consumers and asking consumers to pay for arrears is an impractical proposition. TSECL was in a better position until 2009-10 but since the gas price increase and linkage of gas price to dollar, the company has begun to run in huge losses despite fuel price adjustment undertaken by upward revision of tariff.

**Annexure - V**

- We would like to mention here that the decision of Government of India to implement RGGVY through central PSUs has caused us difficulties and embarrassment. PGCIL has failed to properly implement RGGVY in West and South Districts of Tripura which covers approximately 70% of population of the state as a result of which Government of Tripura has had to face much public criticism. In the 12<sup>th</sup> Plan, it would be best is responsibility for RGGVY scheme implementation is given to the State Government. We have successfully implemented the scheme in North & Dhalai districts and are confident of our capabilities in other districts too.
  
- All the proposals under RGGVY (20% above the approved cost) of Tripura have been approved and work is expected to be completed by Dec'2012. Completion of above work will provide coverage to 48% of un-electrified households in the state. On the other hand, continuously growing load due to extensive rural electrification is creating a mismatch between the EHT and Distribution system. If EHT system is not upgraded to required capacity then supplying power to newly electrified areas may not be ensured. This calls for immediate up gradation of EHT systems in the state. Government of India is requested to finalize RGGVY (Phase-II) along with EHT system up gradation scope under 12<sup>th</sup> plan so that 100% electrification of un-electrified households is achieved.

Beside this, primary focus of most of the present rural electrification schemes is maximizing area of coverage which is quantity centric. I would like to request Ministry of Power, Government of India to consider quality and reliability factors while devising electrification policy in coming days.

- The extension of R-APDRP schemes for areas having 5000 populations was discussed in the meeting of Group of Ministers at New Delhi recently. It is also understood that this issue is under active consideration of the Government of India. We request MOP, GOI to provide approval for balance 4 Nos. Part-B schemes immediately and issue notification allowing coverage of R-APDRP Scheme for areas having population up to 5000 Nos.

**Annexure - V**

- I would like to invite special attention of the forum to the fact that Tripura is suffering from power shortage all along during peak hours due to imposition of restriction on drawal of full allocated share. Much harder restrictions are being imposed these days due to outage of many regional transmission lines at 132 KV pocket. Decision was taken at several meetings for strengthening of 132 KV pocket through necessary augmentation for better up-keeping of these lines.

It was also given to understand that above problem will be removed after commissioning of Kopili – Khandong 2<sup>nd</sup> circuit transmission line and up gradation of ICT at Kopili. But, incidentally this has not happened even after completion of above augmentation work. PGCIL should make necessary arrangement to upgrade the availability of transmission lines at 132 KV pocket are relieved from such suffering.

- Before concluding, I would like to share my concern about continuously declining financial health of state utilities. State utilities are finding it difficult to recover their cost of supply due to increase in cost of power purchase, fuel, wheeling charges and higher AT&C loss. This is creating a gap between supply cost and cost realized and is facing an increasing trend with the increase in coverage of un-electrified households due to various RE Schemes. On the other side, the states have social responsibility to provide electricity to all as mandated by the National Electricity Policy irrespective of people's paying capability. GOI should consider auditing the cost being passed on by central PSUs to state utilities and encourage lower cost in central PSU operation through efficiency enhancement apart from competitive tariff.

Finally, I look forward to participating in future deliberation and hope that discussions today would benefit the NE Region.

**Thank You.**

**SPEECH BY SHRI TANGA BYALING,  
HON'BLE MINISTER OF POWER,  
GOVT. OF ARUNACHAL PRADESH ON THE OCCASION OF THE  
13<sup>TH</sup> MEETING OF THE  
N.E. REGIONAL POWER COMMITTEE HELD  
ON JULY 10, 2012 AT FARIDABAD**

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Hon'ble Chairman, Hon'ble Power Ministers of all the North Eastern States, Officials of NERPC, Central and State Governments, Corporations, Distinguished Guests, Ladies & Gentlemen.

2. It is indeed a great privilege for me to address this august gathering on the occasion of 13<sup>th</sup> NERPC meeting and would like to avail this opportunity to appreciate the efforts of the NERPC and all other concerned for the safe, coordinated and integrated functioning of NER Power system.
3. Development of adequate infrastructure is the essence of socio economic development of the people, and, our region lacks in the areas of Generation, Transmission and Distribution infrastructure capacity. I sincerely hope that today's meeting will deliberate on this issue and we could convince the Govt. of India for its speedy development in the NE Region.
4. Everyone is aware that Arunachal Pradesh is known to be the FUTURE POWER HOUSE OF INDIA because of its huge hydro potential. The State has taken up a challenging task in line with Hydro Power Policy of the Govt. of India to harness the hydropower potential to the tune of about 42,000 MW and entered into MoUs with various Public & Private developers. It is targeted for a capacity addition of about 3400 MW by the end of 12th Plan itself. It is really a challenging task for the entire nation to evacuate this huge quantity of power from Arunachal alone. Though as on date we do not have any grid connectivity across the State, but we are in constant touch with the Govt. of India for getting sanctioned our proposal for having a Grid system connecting all the up-coming mega hydel stations for its power evacuation up to the nearest National Grid.

**Annexure - VI**

5. As we have experience in the past that considerable time is being taken for getting necessary clearance on environmental and forest; from the authority concerned, and many of our schemes are still pending for what of such clearance. Therefore, it is my humble appeal to all the constituents of NERPC to think seriously on this particular issue, so that, we could convince the Govt. of India for considering our proposal with some relaxation; being under developed. Since 80% of our State is covered with forests, implementation of any developmental scheme will not affect the environmental and forests in any way as compared to rest of the nation.
6. We are experiencing public resistance and anti dam movements and it should be our endeavour to look into the valid concerns raised by the people. One of concern is the downstream side of the dam projects. The other important concern is the safety aspects of the dam which poses a threat to the mass destruction of life and properties.
7. We all must give a thought into this aspects and bring out a legislative policy frame work.
8. As per the decision taken earlier, we have also prepared a DPR for setting up of full pledged SLDC in Arunachal. Since all the N.E. States having financial constraints, I hope that through this forum we could take up the issue to the Govt. of India for necessary funding keeping in mind its importance in power sector.
9. Before concluding my submission, I sincerely would like to request all my colleagues and the members of NERPC, constituents to consider augmentation of the Nirjuli Sub-Station to 2 x 30 MVA from the existing 2 x 10 MVA in the larger interest of our twin capital.

Lastly I would like to thank the P.T.C. for the excellent arrangements made for this meeting. I am sure that this meeting would help towards the better power scenario in the Region in the days to come.

**Jai Hind!**

**SPEECH BY SHRI O. IBOBI SINGH,  
HON'BLE CHIEF MINISTER & MINISTER OF POWER,  
GOVT. OF MANIPUR ON THE OCCASION OF THE  
13<sup>TH</sup> MEETING OF THE  
N.E. REGIONAL POWER COMMITTEE HELD  
ON JULY 10, 2012 AT FARIDABAD**

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Hon'ble Chairman of NERPC, Power Ministers from the North – Eastern States, NERPC Members, Central and State Government officials and distinguished guests & special invitees, ladies and gentlemen.

It gives me great pleasure to participate in the 13<sup>th</sup> Meeting of the North Eastern Regional Power Committee being held today at Faridabad. I express my sincere thanks to the organizers-PTC for bringing us together to exchange our views to sort out specific Regional issues. The deliberations we have here will go a long way in solving the problems in Generation Projects and evacuation of power, constraints in Transmission and Sub-Transmission system, and inadequate distribution network of the region, in general.

As expected the demand of power in the region is increasing steadily. During the year 2012-13 the maximum power demand in the region is expected to be about 2300 MW. However peak availability during the period is expected to be 1800 MW only. The region would experience energy shortage ranging from 3% to 29%. The shortage in peak demand would be in the range of 20% to 37%. The generating station of OTPC at Pallatana, Tripura as a base load Power Plant will be a milestone addition of Gas Based Power Generation in the NER. The additional generation of OTPC would narrow down the gap between demand & supply and improve the overall power supply position in the region. Manipur depends almost entirely on the Central Sector Stations for the supply of power. However, the State is not in the position to receive even its present entitlement due to inadequacy in Inter State Transmission System (ISTS) lines. This has affected the overall power supply in the State. As a result of which the growth of industry and per capita consumption have been very low compared to the National figure. Capacity enhancement of the

**Annexure - VII**

existing ISTS Lines feeding power to Manipur would solve the problem for the time being, till the transmission systems associated with the generation projects of Pallatana and Bongaigaon become operational. Therefore, earnestly believe POWERGRID will expedite the completion of the prioritized work of LILO 132 KV Loktak-Ningthoukhong-Imphal (Manipur) at Imphal (PG) as 2<sup>nd</sup> interconnection between Imphal (PG) and Imphal (Manipur).

The deliberations today should aim in formulating the steps to be undertaken for achieving the desired level of industrial development and consumption within a target period of 5-6 years.

132 KV Loktak – Jiribam Ckt-I, an important link for the state as well as for the Region, particularly Mizoram and Southern Assam has been out of service for a long time. Work for the restoration of the line had to be abandoned several times in the past because of the unfavourable environment. In spite of the problems and difficulties faced during the execution, the work for the restoration of this Ckt-I is nearing completion.

It is really disheartening that during the last two – three years Central Sector Generating Stations (CSGS) like KHEP, Khandong and RHEP of NEEPCO are generating far below their expected level. The performance of AGBPP is also not very encouraging. I earnestly wish that the generators not only maintain their generation level to the extent possible but also increase their generation level in the interest of the consumers in the region.

The inclusion of Sikkim as a member of NERPC is a welcome proposal since Sikkim is already a constituent member of North Eastern Council (NEC). This will enable other constituent states to avail benefits from the power projects being set up in Sikkim.

**Annexure - VII**

Manipur is looking forward to the Generation Projects coming up in the region which would help in solving the shortage of power. Timely completion of Silchar – Imphal 400kV D/C line (initially operated at 132 kV) is vital for drawing Manipur's share from Pallatana and Bongaigaon generation projects. The state is prepared to give whatever assistance required for construction of Silchar-Imphal 400 kV D/C line, within the scheduled period of completion.

Deployment of CRPF instead of CISF at Loktak Power Station (NHPC) is more desirable. A communiqué received from the Ministry of Power, GOI has conveyed that there was no decision to replace CRPF by CISF for providing security to the Loktak Power Station.

With these few words I extend my warm wishes to all participants here and once again thank the organizers for the excellent arrangement made for this meeting.

**Jai Hind!**

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**SPEECH BY SHRI LAL THANZARA  
HON'BLE PARLIAMENTARY SECRETARY,  
POWER & ELECTRICITY DEPARTMENT,  
GOVERNMENT OF MIZORAM.**

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My dear friends and counterparts from North Eastern States, Officials representing the State Governments, Corporations, Central and Trading Organizations, distinguished Guests, Ladies and Gentlemen and friends from the Media.

It gives me immense pleasure to be present here amidst you all in this august gathering.

At the outset, I wish to thank the Director (Operation), PTC India Ltd and his team for the warm and marvelous arrangement of this 13<sup>th</sup> NERPC meeting away from our North Eastern Region here at Faridabad.

I would like to extend a warm welcome to all the participants of the 13<sup>th</sup> NERPC meeting. I hope that the deliberations at the meetings will benefit all the NER States in particular and the country in general.

I am pleased to know that there has been noticeable improvement in the transmission system particularly in the 132 KV pocket during the last one year. After having renovated the 132 KV Lumshnong – Panchgram line and the operation of the 2<sup>nd</sup> circuit 132 KV Kopili-Khandong line, the reliability of the system got improved. The associated effort of the Assam and MeECL and the PGCIL deserved appreciation and this meeting may take note of this achievement. Meanwhile, the long pending issue of charging the 132 KV Loktak – Jiribam (1<sup>st</sup> Circuit) which had been deliberated on a number of occasion of NERPC meetings in the past had still remained unresolved till date. There has not been any significant improvement in spite of several persuasions. I would request this forum to put all efforts for charging of the line so that system reliability with the 132 KV pocket would improve in the interest of all the beneficiaries in the pocket. I request the Govt. of Manipur to take an active initiative action for immediate restoration of the line to enhance system reliability.

**Annexure - VIII**

In the 11<sup>th</sup> NERPC meeting, it was resolved that NERPC Secretariat would revise peak hours in allocation of power of Central Generating Station in NE Region as below:

October to February : 1700 Hours to 2100 Hours.

March to September : 1800 Hours to 2200 Hours.

I request the NERPC Secretariat to make it effective from next winter season.

Through this forum, I would also like to thank the OTPC Ltd for their sincere effort in bringing the Palatana Project (Unit-I) for commissioning within short time. In order to effectively utilize the power from the project, it is required to put the associated transmission system in place for its evacuation. I came to know that the NERLDC is now carrying out the system study and I do hope that we would be able to get a fruitful outcome soon. With expansion of delivery system including completion of village electrification under RGGVY, quick capacity addition in generation is the only way out to deal with the power shortages. The concerned CPSUs should try to complete their projects in NE Region within scheduled commissioning time. In this connection, commissioning of Kameng HEP (600 MW) of NEEPCO, Subansiri HEP (2000 MW) of NHPC and Bongaigaon TPS (750 MW) are crucial for this region as well as for the nation to meet the future load growth.

Mizoram has given top priority on capacity addition. Presently, generation Projects like Chhimtuipui Hydroelectric Project (635 MW), Lungreng Hydroelectric Project (815 MW) and Matsekawi Hydroelectric Project (76 MW) have been entrusted to NEEPCO in the year 2009-10 as Central Generation Power Projects. Kolodyne Hydroelectric Project-II (460 MW) was handed over to National Thermal Power Corporation in the year 2008 as Central Projects, the progress of which need to be monitored and expedited. Tuivai Hydroelectric Project (210 MW) has also been being taken up with Viability Gap Funding being provided by Department of Economic Affairs, Ministry of Finance on PPP mode as State Sector. In addition to various Hydel Projects allotted to Independent Power Producers, Small Hydel Projects of various capacities are being taken up under subsidy funding of Ministry of New & Renewable Energy Sources, Government of India.

**Annexure - VIII**

I would also like to inform this important forum that substantial and huge reserve of gas and oil in Mizoram has been found. Therefore, these resources will enable Mizoram to be an important economic player of the North East States and the rest of the Country in the years to come.

Under the existing scenario, the role of NERPC as a co-ordinating agency for the integrated operation of power system and other assigned activities need no further emphasis. I am happy to note that this organization has been playing pivotal role for improvement of power system in NER. Further, the efforts of NERPC on matters, relating to training of personnel in power sector in India and abroad in order to equip them with knowledge on the latest technological advancement is indeed laudable. I feel that such training programme should be encouraged and conducted more frequently.

Mention be also made that utmost attempt has been being made to liquidate Power Purchase bills and related arrears from various agencies. However, resources constrained State like Mizoram sometimes find it difficult to solve these problems caused by unforeseen supplementary bills raised in retrospective effect in accordance with the ruling of Central Electricity Regulatory Commission. The hurdle encountering payment of Power Purchase bill may please be appreciated by all esteemed utilities.

Before I conclude, I wish to extend my special thanks to the organizers of the meetings namely, the PTC India Ltd, NERPC and to all my fellow participants of Northeast constituents and other organizations for attending this meeting, without which, hosting of such momentous event will not be a success.

Let us always strive to overcome all shortcomings and work together for a bright future.

**Jai Hind!**

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