



सत्यमेव जयते

भारत सरकार Government of India
विद्युत मंत्रालय Ministry of Power
उत्तर पूर्वी क्षेत्रीय विद्युत समिति
North Eastern Regional Power Committee
मेघालया स्टेट हाउसिंग फिनांस को- ऑपरेटिव सोसायटी लि. बिल्डिंग
Meghalaya State Housing Finance Co-Operative Society Ltd. Building
नाग्रिम हिल्स, शिल्लोंग - 793003
Nongrim Hills, Shillong - 793003.

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No. NERPC/AS/OCC/2009/2071-106

Date: 17th July, 2009

To

1. CGM, (LDC), SLDC Complex, AEGCL, Kahelipara, Guwahati-781 019
2. Managing Director, AEGCL, Bijuli Bhawan, Guwahati - 781 001
3. Member (Tech), MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
4. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
5. Chief Engineer (EE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
6. Chief Engineer (P), Department of Power, Govt. of Nagaland, Kohima - 797 001
7. Chief Engineer (P), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
8. Chief Engineer (P&E), Department of Power, Govt. of Mizoram, Aizawl - 796 001
9. General Manager, TSECL, Agartala - 799 001
10. GM, NERLDC, Dongtich-Lower Nongrah, Lapalang, Shillong -793 006
11. ED (O&M), NERTS, PGCIL, Dongtich-Lower Nongrah, Lapalang, Shillong -793 006
12. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
13. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
14. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
15. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
16. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110022
17. AGM(BD), NVVN, Core5, 3rd Floor, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi - 110003
18. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
19. Chief Engineer, GM Division, Central Electricity Authority, New Delhi - 110066

Sir,

Sub: Minutes of the 40th OCC Meeting held on 13th July, 2009 at NERLDC, Shillong.

The Minutes of the 40th OCC Meeting of NERPC held on 13.07.2009 at NERLDC Conference Hall, Shillong is enclosed for favour of kind information and necessary action please.

Encl: As above

भवदीय / Yours faithfully,

(Manjit Singh)

सदस्य सचिव / Member Secretary

Copy to:

1. SA to Member(GO&D), CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066
2. Chief Engineer, AEGCL, Bijuli Bhavan, Guwahati - 781001
3. Chief Engineer, APGCL, Bijuli Bhavan, Guwahati - 781001
4. MD, CA DISCOM, Bijuli Bhavan, Guwahati - 781001
5. MD, UA DISCOM, Bijuli Bhavan, Guwahati - 781001
6. MD, LA DISCOM, Bijuli Bhavan, Guwahati - 781001
7. CGM (LDC), SLDC Complex, AEGCL, Kahelipara, Guwahati-781019.
8. S.E. (Trans. & Dist), MeSEB Lumjingshai, Short Round Road, Shillong - 793 001
9. Head of SLDC, MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
10. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
11. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima - 797 001
12. Head of SLDC, Department of Power, Dimapur, Nagaland
13. A.C.E. (Power-I), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
14. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
15. S.E. (Trans & Dist), Department of Power, Govt. of Mizoram, Aizawl - 796 001
16. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl - 796 001
17. Head of SLDC, TSECL, Agartala - 799 001
18. Chief Engineer(Elect), Loktak HEP, Vidvut Vihar, Kom Keirap, Manipur- 795124

North Eastern Regional Power Committee

MINUTES OF THE 40th

OPERATION COORDINATION SUB-COMMITTEE MEETING OF NERPC

Date: 13/07/2009 (Monday)

Time: 10:30 hrs

Venue: “NERLDC Conference Hall”, Shillong.

The List of Participants in the 40th OCC Meeting is given in **Annexure – I**

Sh. Manjit Singh, Member Secretary, NERPC welcomed all the participants to the 40th OCC Meeting of NERPC. He thanked GM, NERLDC and team of his officers for arranging the meeting at this venue and making excellent arrangements for the same. While highlighting about the system performance during the month of June, 2009, he said that the regional peak demand in June 2009 was 1620 MW as compared to 1569 MW, an increase of 2.83 % over the previous month. The energy requirement was 770.96 MUs compared to 751.37 MUs in previous month. The regional energy availability in June 2009 was 672.80 MUs as compared to 638.96 MUs in previous month- an increase of 5.3 % over the previous month. Further, the average frequency during June, 2009 was 49.45 Hz compared to 49.68 Hz in the previous month. Member Secretary said during Special TCC meeting held at Guwahati on 3rd July, 2009 issues relating to Special Protection Scheme (SPS) for NER and scheme for installation of automatic Under-Frequency load shedding Relays (UFRs) in NER System were discussed in detail, wherein the TCC suggested to implement these early for benefit of the Region. Regarding UFR scheme, TCC had suggested to implement the same with reduction in load relief quantum in NER for Stage I of the UFR scheme from the proposed quantum of 90 MW to 60 MW. He requested constituents to initiate process accordingly by identifying appropriate feeders capable of providing the load relief as per allocated quantum at the agreed relay settings.

Thereafter, the agenda items for the meeting were taken up.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 39th MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

Shri B. Sarkhel Superintending Engineer (Operations), NERPC welcomed participants and appreciated to note their full presence in the meeting, which had to be postponed from earlier date 10.07.2009; the inconvenience caused, if any, to this account was regretted.

Superintending Engineer (Operation), NERPC stated that the minutes of 39th meeting of Operation Sub-committee held on 10th June, 2009 were circulated vide letter No. NERPC/OP/OCCM_Corr/2008/1311-47 dated 19th June, 2009. A communication was received from NERLDC on Item No. C.3 Vide Letter No: NERLDC/SS/RPC/TE/7/2729 dated 30.06.2009 (Annexure-A) for modification on the Item. After detailed deliberation the Sub-committee agreed to modify the Item C.3 (page – 6) as follows:

“During deliberation, it was intimated that the PGCIL/NERLDC representatives had visited Itanagar on 24.03.09 and UPS functioning was made proper, but there were certain problems in the SCADA part of the system. It was concluded that SCADA software needs to be re-installed (by POWERGRID) and 48V DC modem is to be procured in line with all other modems connected to the source. In their subsequent visit on 18.4.2009, with replacing the Hard Disk, the SCADA machine could not be restored. NERLDC intimated that the arrangement for reinstallation of SCADA machine was made on 21.5.2009, but due to unreliable of data channel between Itanagar to NERLDC, Shillong through BSNL network, the data transmission / data updating could not be checked.

Further, NERLDC informed that, the AMC of the SCADA system with M/s AREVA in respect for all SLDCs was taken up in a combined way as decided in the NERPC forum subject to signing of MOU by the states and fulfillment of other criteria. In respect of Arunachal Pradesh the AMC can be put in place in a short time, but before that it is desired in the interest of Arunachal Pradesh, the lease line between NERLDC and SLDC Itanagar is made operational”.

With the above modifications, the minutes of the 39th OCC Meeting were confirmed as no observations or comments were received from any of the other constituent members.

ITEMS FOR DISCUSSION

B. Operational Grid Discipline and Operational Planning

The sub-committee noted about the grid performance during the month of May, 2009 as follows:-

The minimum frequency in June, 2009 was 48.70 Hz (25.06.09 at 14:43 hrs) and maximum frequency was 50.59 Hz (03.06.09 at 08:04 hrs) as against corresponding values of 48.75 Hz and 51.03 Hz in the previous month respectively. The system frequency remained within permissible range of 49.2 Hz to 50.3 Hz for 83.85 % of the time, below 49.2 Hz for 15.87 % and above 50.3 Hz for 0.28 % of time. For previous month i.e. May 2009, the system frequency remained within range of 49.0 Hz to 50.5 Hz for 90.91 % of the time, below 49.0 Hz for 8.33 % and above 50.5 Hz for 0.77 % of time. The rise in demand met was highest of 11.76 % in Nagaland followed by Tripura 6.72 %, Manipur 5.41 % and Meghalaya 4.67 % over the previous month. There was no drop in demand met as recorded over the previous month viz. May, 2009.

High voltages at 400 kV substations were encountered at Bongaigoan, Balipara and Misa where maximum voltage observed was 426 kV, 434 kV and 435 KV respectively. No high voltages at 132kV S/s were however observed. Aizawl and Kumarghat 132 kV S/stations experienced minimum voltage of 114 kV and 118 kV respectively.

Thereafter, NERLDC presented the grid performance during June, 09 as compared to the corresponding period of previous year i.e. June, 08. The details of which are enclosed at **Annexure-II**.

Sub-committee noted as above.

FOLLOW UP ACTION

C. 1. Installation of Line Reactor at Kathalguri end of 220kV Misa – Kathalguri Line

Regarding the installation of the reactor at Kathalguri, AGM, PGCIL opined that the location for its installation should be earmarked and enquired whether the space is available at that location and as to who shall implement the work.

The sub-Committee discussed the matter.

NEEPCO informed that the necessary space is available at Kathalguri. NEEPCO enquired if the 31.5 MVA Reactor would be made switchable or act only as Line Reactor.

AGM, PGCIL requested that the detailed Layout/Engineering drawings for the location is required to be available which may be furnished by NEEPCO to do further necessary study for installation of the reactor. He further stated that although installation of reactor at Kathalguri would help reduce the high voltage problem during charging process, but it would be difficult for PGCIL to attend maintenance problems of the reactor promptly at Kathalguri in view of the location being far away from their nearest Misa S/S sub-station of PGCIL.

NEEPCO representative stated that the process of single element procurement and installation of equipment would be difficult for them and if PGCIL agreed, it would be better.

Assam representative suggested that the work may be entrusted to POWERGRID, as being a CTU, they have the technical expertise in design, procurement and installation of the equipment. All other constituent States of NER endorsed the view-point of Assam.

In view of above, the sub-Committee requested NEEPCO to furnish the Layout/Engineering drawings etc. as above to POWERGRID so that the same can be studied by them to proceeding further for implementation of provision. NEEPCO agreed to do the needful.

C. 2.1 Special Protection Scheme for vulnerable 132 kV NER pocket

As per discussions in 39th OCCM and also during the Special TCC of NERPC Meeting held at Guwahati on the 03.07.2009, the issue was further discussed in detail for its operational aspects relating to implementation of the scheme. Member Secretary said that as agreed in the Special TCC meeting the process may be initiated to implement the scheme on three months' experimental basis for the period from 1st August, 2009 till 31st October, 2009 (Normal Hydro period). The necessary wiring/modification of connection to take care of inter-tripping provision particularly with contingencies on tripping of 132 KV Dimapur - Imphal, 132 kV Loktak-Jiribam, 132 KV Umtru Stage I – Mawlai and 132 KV Sarusajai – Umtru lines as well as installation of UFRs at the strategic locations to limit the frequency drop in case of islanding may be completed by the utilities. The performance of the SPS shall be monitored by NERLDC on real time basis and reviewed after three months.

The Sub-committee noted and agreed to initiate the action plan drawn accordingly.

C. 3 Non-functioning of SCADA in Arunachal Pradesh state

During deliberation, PGCIL/NERLDC representatives intimated that the SCADA machine including SCADA software are now working but the data traffic could not take place due to problem in the BSNL lease line between NERLDC and SLDC Itanagar which is being provided by Power Department, Government of Arunachal Pradesh. NERLDC has already requested Power Department, Govt. of Arunachal Pradesh to take up the matter with BSNL, for early restoration of the lease line.

Regarding lease-line problem, Arunachal Pradesh representative informed that the problem is existing at BSNL, Shillong end as the same is not found at BSNL, Itanagar end. In view of this, he requested PGCIL/NERLDC to extend their help in getting this work done with BSNL, Shillong in order to restore the data transfer.

The sub-Committee requested Arunachal Pradesh representative to provide the contact detail of the persons concerned for BSNL in Shillong so that this matter could be pursued at PGCIL/NERLDC end in coordination with Arunachal Pradesh.

The sub-Committee requested Arunachal Pradesh that as combined AMC signing with M/s AREVA for SCADA maintenance is getting delayed unless the data/communication is established first, therefore, the State may pursue the matter for rectification of the above data-link as above, at the earliest for their benefit.

Arunachal Pradesh agreed to the above.

C. 4 Installation of Under Frequency Load-shedding Relays (UFRs) in NER

During 39th OCC of NERPC, the proposal by NERLDC to install Under Frequency Load-shedding Relays from grid security point of view in NER was discussed. The OCC had recommended the necessary load relief quantum to be provided at three different under frequency stages viz. at respectively 48.8 Hz, 48.5 Hz and 48.2 Hz by each of the constituent state. The proposal details were discussed in the Special TCC of NERPC Meeting held at Guwahati on the 03.07.2009 for concurrence. After deliberations, TCC recommended dnd in view of high shortfall conditions that prevail throughout the region in lean hydro conditions, the proposal for UFRs under defense mechanism with total load relief of 150 MW (St-I 90 MW, St-II 30 MW and St III- 30 MW) originally recommended by OCC may be revised to 120 MW (St-I 60 MW, St-II 30 MW and St III- 30 MW) reduced prorata for each State to their respective original load quantum as per the following details:-

UFR contribution recommended by TCC of NERPC

(Figures in MW)

Load relief	Stage-I (48.8 Hz.)	Stage-II (48.5 Hz.)	Stage-III (48.2 Hz.)	Total
Quantum	60	30	30	120

Distribution of load relief	Ar.Pr.	Assam	Manipur	Mizoram	Meghalaya	Nagaland	Tripura	Total
Stage-I (48.8 Hz.)	3	35	3	3	8	3	5	60
Stage-II (48.5 Hz.)	-	15	-	-	8	-	7	30
Stage-III (48.2 Hz.)	-	15	-	-	8	-	7	30

It was further agreed that as the locations to achieve the required total load relief as revised above, by the NER constituents' States are to be identified by each of them and action for procuring appropriate number of UF load shedding relays taken by them, the efforts will be made to complete the installation work in 3 months' period.

GM, NERLDC requested all the constituents to inform about all the feeders identified for UFR installation.

AEGCL informed that they already have provision of UFRs on some radial feeders which will be normally be used as load relief. However the relief by the State as per the above settings and relief quantum would be examined and further action taken accordingly. MeSEB also informed that necessary action for identification of the feeders for the scheme will be taken and load reduction will be effected suitably on the radial feeders.

Member Secretary requested the constituent States to intimate details to NERPC/NERLDC after identifying the feeders selected for UFR installation and the feeder-wise quantum of connected load and the expected load relief in MW as per the recommended total relief quantum and the UFR settings.

The Sub-Committee noted the above.

D. NEW ITEMS

D. 1 Undesirable Outages of POWERGRID Lines because of CB Problems/Maintenances – POWERGRID

POWERGRID vide letter No. NESH/OS/F-S02/143 dated 24.06.2009 have informed that due to non-availability/non – functioning of transfer facilities in Bus-Bar arrangement at the Power stations/sub-stations as enclosed at Annexure- D.1, many of the POWERGRID lines suffer un-desirable outages in

case of Breaker trouble/maintenance and thus affect power system reliability and affect stability of the interconnected NER grid.

AEGCL representative informed that they are already in the process of finalizing necessary arrangement with the help of M/s ABB for all the important substations pertaining to them and further status and details on the same will be intimated accordingly.

NEEPCO representative informed that the problems associated at Kopilli and Kathalguri substations would get addressed on commissioning of 160 MVA 220/132 kV ICT at Kopili S/s under the missing link scheme. He further said that in case of Kathalguri GBP and Ranganadi HEP the provision for availability of transfer facility does not exist from the design stage.

The Sub-Committee noted the above.

D 1.1 Energy metering issues in NER.

NERLDC vide letter No. NERLDC/Comml/105/3038 dated 7.7.2009 (Annex-D1.1) intimated that against LOA by NERTS to M/s L&T for 107- Nos SEMs and 38- Nos DCDs; 45- Nos SEMs and 30-Nos DCDs have been received by them. NERLDC in view of most of secure make meters having completed 10-15 years' life span and necessity for providing at such sites as requested by the constituents, have given location-wise requirements for providing the new SEMs of L&T vis-à-vis existing SEMs as per Annexures-D 1.1 (I), D 1.1 (II) & D 1.1 (III).

GM, NERLDC informed that against the devices /SEMs received vide above order the proposed distribution for SEMs and DCDs as indicated respectively in Annexures D 1.1 (II & III) is for 36 Nos. SEMs and 24 DCDs. He said that the DCDs at these locations are either not available or are old and are not functioning properly and need to be replaced immediately to facilitate accurate and timely energy accounting process. He intimated that the proposed distribution is worked out on the basis earlier decisions in OCCs' forum and on requests received by them from various utilities. He intimated that SEMs need regular installation /

replacement, wherever required. As the DCDs and SEMs have been received, NERTS, PGCIL may arrange to distribute the same to the sites at the earliest. AEGCL enquired whether any salvage value of these old meters have taken into account once the life span is over and has fixed the value. They further stated that the meters should have the facility of self-identification and auto-phase reversal. GM, NERLDC informed that the above meters have already been procured based on the decision of RPC taken long back. He said that the requirements suggested by AEGCL will be taken due care in the subsequent process of procurement. Upon query regarding compatibility of the procured L&T DCDs with existing Secure SEMs, AGM, PGCIL informed that all the DCDs are to be supplied with the standard converter module.

Regarding schedule of installation of new SEMs and distribution of new DCDs, AGM, PGCIL informed that necessary arrangement will be made to deliver the devices alongwith the convertor module immediately. The SEMs will be installed at the decided sites by July 2009 end.

The Sub-committee after the deliberations resolved that the DCDs and SEMs may be provided according to the distribution proposed by NERLDC above. PGCIL will arrange to deliver the new DCDs to sites along with the converter module at the earliest and arrange completion of installation of new SEMs at the respective sites by July 2009 end.

D 1.2 Replacement of aging Breakers of 220 Kv BTPS – Salakati I & II at BTPS end.

Assam requested that the aging CB at Bongaigoan TPS for Salakati I & II feeders should be replaced by PGCIL under R&M scheme. AGM, PGCIL informed that the maintenance of above lines is under the scope of Eastern Region; hence the proposed replacement of CB under R&M pertains to ER. Therefore, Assam requested PGCIL to take up the matter with Eastern Region and resolve this issue.

PGCIL informed that they will examine this issue and intimate in the next OCC meeting.

D. 2 State-wise Anticipated peak demand/requirement, shortage for June, 2009 and July, 2009

The sub-Committee reviewed the anticipated peak demand/energy requirement and finalized the same for the month of July and August, 2009.

S.No.	State	<u>July, 2009</u>		<u>August, 2009</u>	
		Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)
1	Arunachal Pradesh	90	70	95	75
2	Assam	920	850	950	880
3	Manipur	110	90	110	95
4	Meghalaya	270	230	290	240
5	Mizoram	65	55	65	60
6	Nagaland	90	75	90	85
7	Tripura	155	125	160	125
	Region	1700	1495	1760	1560

D. 3 Generation Planning (ongoing and planned outages)

The planned shutdown in respect of the following Generating units was approved by OCC Sub-committee of NERPC during the meeting.

Sl. No	Name of Generation Station	S/D Date	Units No	Purpose	MW affected	Agency
1.	Kathalguri	13.07.09 to 19.07.09	#5	Replacement of 125 V unit battery bank	0 MW	NEEPCO
2.	Kathalguri	03.08.09 to 09.08.09	#2	Replacement of 220V unit battery bank & APM	12 MW	NEEPCO
3.	Kathalguri	17.08.09 to 23.08.09	#6	Replacement of 125 V unit battery bank	0 MW	NEEPCO

D. 4 Outage Planning Transmission elements

The Sub-committee discussed and approved the programme of transmission line planned outages as proposed by PGCIL for the month of July/August, 2009. The same is enclosed at **Annexure D. 4**.

D. 5 Estimated Transmission Availability Certificate (TAC) for the month of June, 2009.

Member Secretary informed that the Estimated Transmission System Availability for the month of June, 2009 as furnished by PGCIL is **99.3559%** as per details at **Annexure D. 5**. He requested the constituents to scrutinize the outage details indicated by PGCIL and to offer their comments on the outages hours of Transmission elements within 20th July, 2009 so as to ensure issue of certification by NERPC within the specified dated i.e. 31.07.2009.

D. 6 Review of Grid performance for June, 2009

The data relating to regional generation, inter-regional energy exchange, average frequency during the month of June, 2009 in relation to May, 2009 data is as below:

	<u>During June' 09</u>	<u>During May' 09</u>
1. The Total Generation(gross) in NER:	682.319 MU	594.46 MU
2. Total Central Sector Gen (gross) in NER:	417.092 MU	363.505MU
3. Inter-regional energy exchange:		
(a) NER – ER :	13.38 MU	10.97 MU
(b) ER – NER :	53.20 MU	93.50 MU
(c) Net import :	39.82 MU	82.53 MU
4. Average frequency :	49.45 Hz	49.68 Hz

The Sub-Committee noted the above.

D. 7 Major grid disturbances in the previous month (June , 2009)

The sub-Committee noted that no major grid disturbance in the region was reported in June 2009.

D. 8 Any other item

- (i) PGCIL informed that the 48 V battery supply to PLCC at Kopili HEP was not functional since January, 2007. NEEPCO informed that action is already initiated and the same would be completed soon.
- (ii) PGCIL also informed that some works has yet to be completed by AEGCL in Balipara sub-station (for Balipara-Gohpur-Depota line) which includes installation of bus-bar protection scheme, Gravelling of switchyard, anti-weed, relay setting to be adopted by AEGCL as per the relay setting provided by PGCIL at Balipara sub-station. Assam representatives informed that they will look into the matter and informed to PGCIL accordingly.

D. 7 Date and Venue of next OCC

It was proposed to hold the 41st OCC meeting of NERPC at NERPC, Shillong on 12th August, 2009 (Wednesday).

Member Secretary, NERPC said that Shri L.K Kanungo, GM, NERLDC shall soon be joining ERLDC, Kolkata on his transfer there. He said that during his tenure in NERLDC, his valuable contribution and guidance in the activities related to improved grid performance had been very fruitful in addressing and resolving various issues in the NERPC forum. He wished him success in his new assignment.

SE (Operation), NERPC said that this meeting is of special significance as for Shri L. K. Kanungo, GM, NERLDC, upon his transfer to ERLDC, after serving for more than two years in NER, it will be his last meeting and this region will be missing his guidance.

Shri B. Lyngkhoi, Assistant Secretary, NERPC expressed his sincere thanks to Shri L.Kanungo, GM, NERLDC for the excellent support and guidance he received from him upon his joining the NERLDC. The kind of important suggestions given by him in various technical issues will not be forgotten. He wished him successful career.

SE (O), NERPC requested GM, NERLDC to share few words with the forum at this occasion.

Shri L. Kanungo, GM, NERLDC said that the during his tenure here he received whole-hearted co-operation from NER constituents and through healthy interactions with them on various regional issues, better solutions could be evolved and implemented. He said that deficiencies do exist but there seems to be no dearth of willingness among the constituents to bring in improvements. The constituents can make use of present day Power Market mechanism by utilizing best of provisions under the latest Regulations. He thanked all the constituents of the region for the support and co-operation extended by them.

The meeting ended with thanks to the chair.

List of Participants in the 40th OCC meeting held on 13/07/2009

Venue : NERLDC Conference Hall, Shillong

Sl. No	Name & Designation	Organization	Contact No. /e-mail ID
1	W. Rehman, EE (E), SLDC	Arunachal Pradesh	09436050735
2	Sh. H. Hazarika, DGM, LDC	AEGCL (Assam)	09854809104
3.	Sh. G.K.Bhuya, Manager, SLDC	AEGCL (Assam)	09854015601
4	No Representative	Manipur	
5	Sh. F. E. Kharshiing, EE, SLDC,	Meghalaya	98630666960
6	Sh.J. Hynniewta, EE, (T&T),	Meghalaya	9436110417
7	Sh D.J. Lyngdoh, AEE, SLDC	Meghalaya	9863063375
8	H. Zonunsanga, EE	P&E, Mizoram	9436156337
9	Sh. Nitoyi Wotsa, E.E, SLDC,	Dimapur, Nagaland	9436004928
10.	Sh. Nilanjoy Reang, Sr. Manager (E)	SLDC, Tripura	9436470065
11	Sh. L.K.Kanungo, GM	NERLDC	9436302725
12	Sh. T.S.Singh, Dy. G.Manager	NERLDC	9436302714
13	Sh. N.R.Paul, CM	NERLDC	9436302723
14.	Sh. R. Sutradhar, CM	NERLDC	9436302714
15.	Sh M. Hussain, CM	NERLDC	
16.	Sh P. K. Murthy, DM	NERLDC	
17.	Sh. S.K.Saha, DM	NERLDC	9436302980
18	Sh. A.Patir, AGM (O&M)	NERTS	9436302529
19	Sh. K.H. Ibomavha Singh, Mgr	NHPC	9436252509
20	Sh. H.K.Changmai, DGM (E)	NEEPCO	9435577595
21	Sh. Bhaskar Goswami, Sr. Mgr	NEEPCO	9436163983
22	Sh. Manjit Singh, MS	NERPC	9436122450
23	Sh.A.K.Jain, SE (Coml	NERPC	0364-2520038
24	Sh.B. Sarkhel, SE (O)	NERPC	9436705479
25	Sh.B. Lyngkhoi, AS	NERPC	9436163419
26	Sh. Satbir Singh, EE	NERPC	
27	Sh. D.N.Bauri, AEE	NERPC	9863311203

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Annexure – D.4

Sl. No	Name of T/L	S/D Date	S/D Time	Purpose	Areas/Feeder affected	Agency
1.	132 KV Dimapur – Imphal	Any date* during July	Daytime only	Jumper tightening	Dimapur – Imphal	PGCIL
2.	132 KV Halflong – Jiribam	17.07.09	08.00 hrs to 16:00 hrs	Changing of defective insulator strings	Halflong – Jiribam	PGCIL
3**.	132 KV Aizawl – Kumarghat	16.07.09 & 30.07.09	08.00 hrs to 16:00 hrs (Daily)		Aizawl – Kumarghat	PGCIL
4.	132 KV Nirjuli – Dikrong	28.07.09	08.00 hrs to 16:00 hrs	AMP	Nirjuli – Dikrong	PGCIL
5.	220 KV Misa –Kopili III	16.07.07	08.00 hrs to 16:00 hrs	AMP	Misa –Kopili III	PGCIL
6.	220 KV Misa –Kathalguri	21.07.09	08.00 hrs to 16:00 hrs	AMP	Misa –Kathalguri	PGCIL
7.	132 KV Doyang – Mokokchung	14.07.09	08.00 hrs to 16:00 hrs	AMP	Doyang – Mokokchung	NEEPCO

• Subject to availability of Loktak – Jiribam Line II

** Load shifting from Panchgram to Dullavcherra so that R.C.Nagar generation is not required to back down

Sl. No	NAME OF SUB-STATION/BAYS/ICT/ REACTOR	S/D Date	S/D Time	Purpose	Areas/Feeder affected	Agency
1.	132 KV Main Bus at Nirjuli	25.07.09	08:00 hrs to 16:00 hrs	AMP	Gohpur-Itanagar, ICT I&II	PGCIL
2.	220 KV ICT bay at Balipara	26.07.09 & 27.07.09	09.00 hrs to 15:00 hrs	AMP	220KV ICT affected	PGCIL
3.	400 KV Bongaigoan-I ICT Tie Bay at Balipara	16.07.09 & 17.07.09			Nil	PGCIL
4.	400 KV Bongaigoan-II ICT Tie Bay at Balipara	23.07.09 & 24.07.09			Nil	PGCIL
5.	33 KV tertiary reactor for bay at Misa	17.07.09			08:00 hrs to 16:00 hrs	tertiary reactor for bay at Misa