



भारत सरकार Government of India

विद्युत मंत्रालय Ministry of Power

उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

मेघालया स्टेट हाउसिंग फिनांस को-आपरेटिव सोसायटी लि. बिल्डिंग

Meghalaya State Housing Finance Co-Operative Society Ltd. Building

नांग्रिम हिल्स, शिल्लोंग - 793003

Nongrim Hills, Shillong - 793003.

SPEED POST/FAX

Ph : 0364-2520034

Fax: 0364-2520030

email: msnerpc@dataone.in

website: www.nerpc.nic.in

No. NERPC/AS/OCC/2009/3520-54

Date: 22nd October, 2009

To

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

Sir,

Sub: Minutes of the 43rd OCC Meeting held on 12th October, 2009 at NERPC, Shillong.

The Minutes of the 43rd OCC Meeting of NERPC held on 12.10.2009 at NERPC Conference Hall, Shillong is enclosed for favour of kind information and necessary action please.

The minutes of 43rd OCC meeting is also made available in the website of NERPC www.nerpc.nic.in

Encl: As above

भवदीय / Yours faithfully,

(A. K. Jain) 22/10/09
Superintending Engineer (O)

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. S.E. (Trans. & Dist), MeSEB Lumjingshai, Short Round Road, Shillong - 793 001
8. Head of SLDC, MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
9. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
10. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima - 797 001
11. Head of SLDC, Department of Power, Dimapur, Nagaland
12. A.C.E. (Power-I), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
13. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
14. S.E. (Trans & Dist), Department of Power, Govt. of Mizoram, Aizawl - 796 001
15. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl - 796 001
16. Head of SLDC, TSECL, Agartala - 799 001
17. Chief Engineer(Elect), Loktak HEP, Vidyut Vihar, Kom Keirap, Manipur- 795124

North Eastern Regional Power Committee

MINUTES OF THE 43rd

OPERATION COORDINATION SUB-COMMITTEE MEETING OF NERPC

Date: 12/10/2009 (Monday)

Time: 10:30 hrs

Venue: “NERPC Conference Hall”, Shillong.

The List of Participants in the 43rd OCC Meeting is attached at **Annexure - I**

Shri B.K.Jain, Member Secretary welcomed the participants and informed that due to unavoidable circumstances in the city, the OCC meeting scheduled to be held on the 09.10.2009 had to be postponed to 12.10.2009 and expressed sincere thanks to all the participants for attending the meeting in spite of short notice. He then briefed about the performance of the grid during the month of September, 2009. While highlighting the system performance during the month of September, 2009, he mentioned that the performance of the grid showed improvement as energy met was better compared to the previous month. However, he stated that as the lean season was approaching, the demand met would keep reducing and hence the NERLDC has to plan load management in a systematic manner so that the acute shortfall can be taken utmost care. The gist of grid performance in September, 2009 compared to August, 2009 is given below:

SN	Parameter	September 2009	August 2009
FREQUENCY BEHAVIOUR			
1	Average Frequency	49.59 Hz	49.43 Hz
2	Minimum Frequency	48.65 Hz on 29 th @ 2135 hrs	48.60 hrs
3	Maximum Frequency	50.49 Hz on 3 rd @ 2155 hrs	50.59 Hz
4	49.2Hz < f < 50.3 Hz	For 82.87 % of time	74.69 %
5	f < 49.2 Hz	For 16.62 % of time	25.17 %
6	f > 50.3 Hz	For 0.51 % of time	0.13 %
DEMAND & ENERGY SCENARIO			
1	Regional Peak Demand	1672 MW - a decrease of 5.03 %	1760 MW
2	Energy Requirement	858.37 MU	853.23 MU
3	Regional Energy Availability	748.63 MU - Increase of 1.75 %	735.77 MU

4	Rise in Demand met as compared to August 2009	Highest @ 10.9 % in Tripura	
		Then @ 8.33 % in Arunachal Pradesh	
		Then @ 8.24 % in Manipur	
		Then @ 2.29 % in Meghalaya	
5	Drop in Demand met as compared to August 2009	Deepest @ 1.82 % in Mizoram	
		Then @ 1.06 % in Nagaland	
VOLTAGE BEHAVIOUR			
1	Over voltage conditions at 400 KV S/S	At Bongaigoan: 423 KV	
		At Balipara: 428 KV	
		At Misa: 428 KV	
2	Over voltage conditions at 132 KV S/Ss	At Aizawl: 145 KV	
3	Minimum voltage	119 KV at 132 KV S/S in Aizawl	
REGIONAL GENERATION & INTER - REGIONAL EXCHANGES (in MU)			
1	Total Generation in NER (Gross)	832.673	910.236
2	Total Central Sector Generation in NER (Gross)	518.520	606.536
3	Inter-Regional Energy Exchanges		
	(a) NER - ER	82.91	156.61
	(b) ER - NER	44.95	32.02
	(c) Net Input	- 37.96	- 124.59

Thereafter, he requested Shri A.K.Jain, Superintending Engineer (O), NERPC to take up the agenda items for discussion.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 41st MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

Superintending Engineer (Operation), NERPC stated that the minutes of 42nd meeting of Operation Sub-committee held on 11th September, 2009 were circulated vide letter No. NERPC/AS/OCC/2009/3119-53 dated 24th September, 2009.

As no comment was received from any of the constituents, the minutes of the 42nd OCC Meeting were confirmed.

I T E M S F O R D I S C U S S I O N

B. Operational Performance & Grid Discipline during September, 2009.

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

As per the data made available by NERLDC, the following parameters are given below:

- i) **Average frequency** during September, 2009 was 49.59 Hz compared to 49.43 Hz for the previous month.
- ii) **Minimum frequency** in September, 2009 was 48.65 Hz (29.09.09 at 21:35 hrs)
- iii) **Maximum frequency** was 50.49 Hz (03.09.09 at 21:55 hrs) as against corresponding values of 48.60 Hz and 50.59 Hz respectively in the previous month.
- iv) **System frequency** remained within permissible range of 49.2 Hz to 50.3 Hz for 82.87.69 % of the time, below 49.2 Hz for 16.62 % and above 50.3 Hz for 0.51 % of time as against the corresponding values of 74.69%, 25.17% and 013% in the previous month i.e. August, 2009.
- v) **Regional peak** demand in September, 2009 was 1672 MW as compared to 1760 MW in August, 2009 a decrease of 5.03 % over the previous month.
- vi) **Energy requirement** was 858.37 MUs compared to 853.23 MUs in the previous month.
- vii) **Regional energy availability** in September, 2009 was 748.77 MUs compared to 735.77 MUs in the previous month- an increase of 1.75 % over the previous month.
- viii) **Rise in demand met** was highest of (10.9%) in Tripura followed by Ar. Pradesh (8.33 %), Manipur (8.24 %) and Meghalaya (2.29 %) over the previous month.
- ix) **Drop in demand met** was recorded in Mizoram (1.82 %) followed by Nagaland (1.06 %) over the previous month viz. August, 2009.

- x) **Over Voltages** at 400 kV substations were observed at Bongaigaon, Balipara and Misa where maximum voltage observed was 423 kV, 428 KV and 428 KV respectively.
- xi) **Over Voltages** at 132kV S/S were observed at Aizawl which was 145 KV. Aizawl 132 kV S/S experienced low voltage of 119 kV.

Thereafter, NERLDC presented the grid performance during September, 2009, the details of which are enclosed at **Annexure-II**.

The Sub-committee noted as above.

FOLLOW UP ACTION

C. 1. Installation of Under Frequency Load-shedding Relays (UFRs) in NER

During the 42nd OCC meeting, representatives from Assam, Meghalaya and other constituent states informed that identification list of feeders would be completed by the end of September, 2009. The Sub-committee requested each state to inform about the current status.

Assam representative informed that this issue might take some time as a number of feeders and quantum of load to be restricted had to be worked out. Moreover, he requested NERPC to write to higher authority for speeding up the matter.

To this end, the NERPC requested Assam to furnish the letters they have had addressed to various DISCOMS to enable NERPC to take up the matter with their higher authorities. Assam agreed.

Meghalaya representatives informed that the matter has had been under consideration of their management and the details would be furnished as soon as finalized.

Mizoram representatives informed that the list of feeders where UFRs were to be installed has already been finalized and the same was under consideration of their higher authority for approval.

Tripura representatives also informed that they have had already finalized the list of feeders and the same would be intimated shortly.

Nagaland had furnished the list of feeders and the same is enclosed at Annexure at C.1

The sub-Committee requested NERPC to write to all the Head of Power Departments so this issue can be finalized at the earliest.

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

During the 42nd OCC meeting Ar. Pradesh had intimated that procurement of the faulty modem and handing it over to BSNL, Shillong would be completed in two months time. The Sub-committee wanted to know the current status. Since no representative from Ar. Pradesh the matter could not be concluded.

The sub-Committee noted as above.

C. 3 Energy metering issues in NER

During the 42nd OCCM, PGCIL had informed that remaining 14 nos. meters would be completed by the end of October, 2009 and the installation of L&T meters at important stations like Loktak (8 nos.), Mariani (5 nos.), and Ziro (1 no.) would be completed by 15.10.2009.

Member Secretary enquired from PGCIL about the progress in this regard.

PGCIL informed that out of 14 nos. L&T meters planned for installation at various locations above, 5 nos. meters at Mariani & 1 no. meter at Ziro were already installed whereas installation of balance 8 nos. meters at Loktak would be completed by end of October, 2009.

The sub-Committee noted as above.

C. 4 Replacement of ageing of 220 kV Breakers at BTPS – Salakati I & II at BTPS end

During the 42nd OCC, PGCIL had agreed to furnish the details of ownership of similar sub-station bays located in the region where PGCIL is not carrying out

O&M works so that equipment replacement and maintenance activities could be undertaken by the concerned owners in future.

NERPC enquired from PGCIL about the action in this regard.

PGCIL informed that after checking their record they found that bays at BPTS were not under the jurisdiction of PGCIL.

Assam representative informed that the sub-station & bays at the BPTS have now been handed over to AEGCL by APGCL and hence any maintenance/replacement of CBs will be carried out by the AEGCL, if necessary. Further, they informed that at present the CBs are in working condition.

The sub-Committee noted as above.

C. 5 Single Phase Auto-reclosure of Transmission lines.

During the 42nd OCC meeting, NERPC had requested PGCIL to furnish the details of ownership of CBs from Sl. Nos. 8 – 33 of Annexure C.5 (i) to identify the organizations which have to take action for operationalization of single phase auto-reclosing scheme.

PGCIL furnished the details of ownership of CBs during the meeting and the same is available at Annexure C.5 (ii).

Member Secretary informed that for installation of single phase auto-reclosure at a particular line, its both ends should be compatible for successful functioning of the scheme.

PGCIL informed that some CBs were new and replacement of gang operated 3 – phase CB may not be feasible. Member Secretary requested PGCIL to furnish the list of lines for installation of auto-reclosure to finalize the scheme. PGCIL agreed to furnish the same.

Member Secretary informed that the list furnished by PGCIL would be circulated along with the minutes of the meeting and requested all the constituents to examine the CBs pertaining to them for replacement.

The Sub-committee noted as above.

C. 6 Special Protection Schemes (SPS) for Vulnerable 132 kV Pockets in NER.

(A) MeSEB representative intimated the status of wiring as below:

- i) Tripping of Umtru- Byrnihat line from Umtru with tripping of 132 KV Sarusajai – Umtru line – **Already completed**
- ii) Tripping of 132 KV NEHU – Mailai line from NEHU with tripping of 132 KV Stage-I Mawlai line: **To be completed by end of October, 2009.**

(B) Regarding 132 KV Manipur – Ningthoukhong line to keep open for SPS operation, the consent from Dept. of Manipur has not yet been received and the issue could not be deliberated as no representative from Manipur could not attend the meeting

The sub-Committee noted as above.

C. 7 Long outage of CB at Kopili end of 220 KV Kopili – Misa Ckt – II.

The Sub-committee enquired from NEEPCO about the current status.

NEEPCO informed that the service engineers from Crompton Greaves Ltd. were already on the site and the CB would be commissioned soon and intimated accordingly.

The sub-Committee noted as above.

C. 8 Preparation for “mock exercise” for disaster management.

During the 42nd OCC meeting, the Sub-committee decided that all the constituents should furnish to NERLDC the details of Nodal Officers i.e. names, designation, contact details etc.

In the meantime, the CEA, vide letter dated 30.09.2009, have asked to furnish the following information on priority basis:

- i) What are the actions taken by the constituents for drafting the procedure for recovery from partial/total black outs in accordance with clause 5.8 (b) of IEGC.
- ii) Whether plan and procedure have been prepared from the generating stations, transmission lines and sub-stations for dealing with Disaster due to natural calamities such as earthquakes, floods, storms, cyclones etc. and crisis situations arising due to terrorist threats/attack and sabotage, bomb threats and explosions, fires etc.
- iii) When was last mock drill trial for Disaster Management Plan carried out.
- iv) When will be the next mock drill undertaken

NERLDC informed that the detail of Nodal Officers for Disaster Management was received from Tripura only.

Assam representative informed that they have already sent the details of their nominations from their State to NERLDC and a copy to NERPC. Meghalaya also informed that the matter was under consideration of their management and the same would be intimate soon.

The Sub-committee requested NERPC to write to the remaining constituent states for furnishing the above nominations at the earliest.

NERPC further stated that they have written to NEEPCO and NHPC but nominations have not been received from them.

NERLDC stated that Khandong HEP & Doyang HEP of NEEPCO have the facility of black start procedure but the current status is not known.

NEEPCO informed that the DG set at Doyang HEP is functioning, but the status of DG set at Kopili HEP will be intimated after confirming the same.

Member Secretary requested all the constituents to look into the matter seriously and furnish the information to NERLDC with a copy to NERPC at the earliest for furnishing the same, in turn, to the CEA.

The sub-Committee noted as above.

D. NEW ITEMS

D. 1 Anticipated Power availability from Central Sector generating stations

Member Secretary informed that MeSEB vide letter dated 15.09.2009 have requested to furnish the data in respect of anticipated approximate power availability from various Central sector stations in NER (on hourly basis) for the period October, 2009 to June, 2010.

NEEPCO informed that data, both in MW/MU, have been prepared and the same was furnished to NERPC for the period upto March, 2010 for preparation of LGBR.

Member Secretary also informed that generation target on monthly basis is already given by CEA. He requested MeSEB to collect the above data from NERPC, if necessary.

MeSEB also enquired that whether the share of power allocation to them would be restored back or not as the lean season is approaching and the State will face acute shortage of power during the lean period.

Member Secretary informed that power allocation is strictly under the jurisdiction of Ministry of Power and nothing can be decided in this forum. He requested MeSEB to take up the matter directly with MOP to revise the power allocation. He further suggested that MeSEB can either take up the matter with other constituent states of NER either through long term or on short term basis. In addition to the data furnished by NEEPCO during the meeting, he requested MeSEB to take up with NHPC directly for data for the period needed by them.

The sub-Committee noted as above.

D. 2 State-wise Anticipated peak demand/requirement, shortage for October, November and December, 2009

In respect of above, the sub-Committee reviewed the anticipated peak demand/energy requirement and the sub-Committee finalized the same for the month of October, November and December 2009 as given below.

October, 2009**November, 2009****December, 2009**

S.No.	State	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)
1	Arunachal Pradesh	90	80	85	75	85	75
2	Assam	880	800	850	780	840	760
3	Manipur	100	90	100	90	100	90
4	Meghalaya	270	240	270	250	290	260
5	Mizoram	65	60	65	60	70	65
6	Nagaland	90	85	95	90	95	90
7	Tripura	160	150	160	140	145	130
	Region	1655	1505	1625	1485	1625	1470

The sub-Committee noted as above.

D. 3 Generation Outage Planning (ongoing and planned outages)

NEEPCO informed that unit no.1 of Ranganadi HEP will be taken under shutdown from 10.11.0009 to 25.11.2009 for Annual Planned maintenance. No other proposal for planned outage for generating units was envisaged for October - November 2009.

The sub-Committee noted as above.

D. 4 Outage Planning of Transmission elements

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

The sub-Committee noted as above.

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

The estimated Transmission System Availability for the month of September,

2009 furnished by PGCIL was intimated as **98.7141%** as per details at **Annexure D. 5**. The constituents were requested to examine the outage details indicated by PGCIL before 20.10.2009 so as to ensure issue of certification by NERPC before the stipulated date i.e. 31.10.2009.

The sub-Committee noted as above.

D. 6 Major grid disturbances in the previous month (September , 2009)

NERLDC informed that there was no major grid disturbance during the month of September, 2009.

The Sub-committee noted as above.

D. 7 Any other item

(i) Electricity Generation Targets for the year 2010 - 11. – NERPC

Member Secretary NERPC requested all the NER constituent states, including NEEPCO & NHPC, to furnish the following information (sought, vide CEA letter No. CEA/OPM/PPA/2/1/2009/1901-08 dated 24.09.2009) at the earliest:

- i) The unit-wise and station-wise monthly generation proposed from the existing units (as on 01.04.2009) during 2010-11.
- ii) The unit-wise monthly generation proposed from the new units commissioned/likely to be commissioned during the current year 2009-10 indicating their actual/expected dates of commissioning & declaration of commercial operation.
- iii) The monthly generation [proposed from each of the new units likely to be commissioned during 2010 – 11 indicating their expected dates of commissioning & COD.
- iv) Details of unit-wise schedule of planned maintenance, R&M, RLA, LEP etc. to be carried out during 2010 – 11 and considered for deciding the generation targets for various generating units. The planned maintenance programmes as approved by the respective RPCs need to be furnished subsequently.

- v) The actual generation from existing units till date and the generation anticipated during the remaining period of the current year 2009 -10, together with reasons for low generation, if any, may also please be indicated, so that adequate measures could be taken in exercising realistic assessment of targets fro the current year 2010 – 11.
- vi) Improvement in the performance of the unit/station due to up-gradation/R&M etc; contribution from new capacity additions during thr years 2009 – 10 & 2010 – 11 could also be visualized in a realistic manner by the station authorities.
- vii) Also since a large capacity addition is being planned in the private sector, the details in respect of IPPs with whom States/Organization would be having Power Purchase Agreements may also be assessed.

The Sub-committee members agreed to furnish the required information/data.

(ii) Urgent replacement of CT ratio of 400/1 at Kumarghat PG Sub-station in direction P.K.Bari. – TSECL

PGCIL agreed to replace the existing CT with a CT of appropriate ratio. They also agreed to use the readily available CT if any, otherwise they would procure new CT. TSECL also stated that they would find out if any spare CT was available with them which could be provided to PGCIL for installation, and after procurement by PGCIL, the CT would be returned to TSECL.

The sub-Committee noted the above.

(iii) Consideration of 25% share of Manipur & Mizoram each at a ration of 2:1:1 (Tripur:Manipur:Mizoram) of real time generation of Baramura Unit #IV of 21 MW in case of outage of 132 KV R.C.Nagar – Kumarghat line constraint in NER, where earlier it was treated as zero. – TSECL

Member Secretary informed that share allocation could not be changed and the allocation has to continue to be shared as per the existing ratio.

The sub-Committee noted the above.

(iv) Position of restoration of 132 KV Loktak – Jiribam ckt - I. – TSECL

Since no representative from Manipur was present during the meeting, the status of the above line could not be deliberated.

The sub-Committee noted the above.

(v) Status of progress of 2nd ckt of Kopili - Khandong. – TSECL

PGCIL informed that the works on the above were under progress and would be completed within the current financial year.

The sub-Committee noted the above.

(vi) Restriction in the quantum of MeSEB drawal from Khliehriat – MeSEB

Member Secretary informed that this issue was already discussed during the 42nd OCC meeting and therefore, requested MeSEB and all the constituents to co-operate with NERLDC for grid security and he further requested them to give a more realistic schedule depending upon their estimated load in different time slots to avoid under drawal.

The sub-Committee noted as above.

D. 8 Date and Venue of next OCC

It is proposed to hold the 44th OCC meeting of NERPC on 11th November, 2009 (Wednesday). The exact venue will be intimated in due course.

The meeting ended with thanks to the Chair.

List of Participants in the 43rd OCC meeting held on 12/10/2009

Venue : NERPC Conference Hall, Shillong

Sl. No	Name & Designation	Organization	Contact No. /e-mail ID
1	No Representative	Arunachal Pradesh	
2.	Sh. A.K.Saikia, Sr. Manager, SLDC	AEGCL (Assam)	09864116176
3.	No Representative	Manipur	
4.	Sh. F. E. Kharshiing, EE, SLDC,	Meghalaya	09863066960
5.	Sh. T.Gidon, AEE, SLDC,	Meghalaya	03642550020
6.	Sh. Saphnehzova, EE (Planning)	P&E, Mizoram	09862626299
7.	Sh. H. Lalnunnsanga, A.E	P&E, Mizoram	09436144651
8.	No Representative	P&E, Nagaland	09436004928
9.	Smt. Shampa Sen, Sr. Manager	Tripura	
10.	Sh. Sankha Baran Debbarma	Tripura	
11.	Sh. T.S.Singh, Dy. G.Manager	NERLDC	09436302714
12.	Sh. N.R.Paul, CM	NERLDC	09436302723
13.	Sh. A. Kumar, AE	NERLDC	
14.	Sh. A. Patir, AGM (O&M)	NERTS	09436302529
15.	Sh. Bhaskar Goswami, Sr. Mgr	NEEPCO	09436163861
16.	Sh. B.K.Jain, MS	NERPC	09436706436
17.	Sh.A.K.Jain, SE (Coml	NERPC	0364-2520038
18.	Sh.B. Lyngkhoi, AS	NERPC	09436163419
19.	Sh. Satbir Singh, EE	NERPC	
20.	Sh. S.M.Aimol, AEE	NERPC	09863311203
21.	Sh. D.N.Bauri, AEE	NERPC	09863317236

.....ooOoo.....

Annexure – D.4

The Shutdown Programme for the month of October, 2009 as approved in the 43rd OCC Meeting held at NERPC, Shillong on the 12.10.2009 are as follows:

Sl. No	Name of T/L	S/D Date	S/D Time	Purpose	Areas/Feeder affected	Agency
1.	132 KV Rananadi – Ziro	26.10.2009	08.00 hrs to 16:00 hrs	AMP	Rananadi – Ziro	PGCIL
2.	132 KV Gohpur – Itanagar	20.10.2009			Gohpur – Itanagar	PGCIL
3.	132 KV Khandong – Halflong	28.10.2009			Khandong – Halflong	PGCIL
4.	132 KV Badarpur – Kumarghat	01.11.2009		AMP	Badarpur – Kumarghat	PGCIL
5.	132 KV Dimapur – Imphal	22.10.09 to 24.10.2009	Daytime only	Erection & stringing at loc. 374 & 375 endanger due to landslide	Dimapur – Imphal	PGCIL
		25.10.09 to 27.10.2009	Continuous			
6.	400 KV Bongaigoan – Balipara ckt. I	02.11.09 & 03.11.2009	08.00 hrs to 16:00 hrs	AMP	Bongaigoan – Balipara I	PGCIL
7	220 KV Misa – Samaguri - I	01.11.09 to 03.11.09		ICT replacement	Misa – Samaguri I	PGCIL

Note: All the associates bays maintenance would be done during the shutdown of respective Transmission lines. Sl Nos. 1 & 2 above are subjected to Ar. Pradesh consent.

Sl. No	NAME OF SUB-STATION/BAYS/ICT/ REACTOR	S/D Date	S/D Time	Purpose	Areas/Feeder affected	Agency
1.	315 MVA ICT at Balipara	14.10.09	09:00hrs to 16:00 hrs	AMP	315 MVA ICT	PGCIL
2.	50 MVAR Bus Reactor at Balipara	15.10.09 & 16.10.09	09:00 hrs to 15:00hrs		50 MVA bus reactor	PGCIL
3.	220 KV Bus coupler bay at Balipara	20.10.09 & 21.10.09			Nil	PGCIL
4.	50 MVA ICT (NEEPCO bay) at Balipara	22.10.09 & 23.10.09			NIL	PGCIL
5.	132 KV Incomer bay (NEEPCO) at Balipara	24.10.09			Nil	PGCIL
6.	132 KV Khupi bay (NEEPCO) at Balipara	30.10.09			132 Kv Khupi feeder	PGCIL
7.	132 KV Bus coupler bay at Balipara	27.10.09			Nil	PGCIL
8.	132 KV Main & transfer bus at Balipara	30.10.09			132 Kv Khupi, depota & Gohpur feeders	PGCIL
9.	132 KV Main Bus at Nirjuli	04.11.09			08:00hrs to 16:00 hrs	Gohpur – Itanagar, ICT I & II
10.	33 KV Incomer bay at Misa	28.10.09 & 29.10.09	09:00hrs to 16:00 hrs		33 KV Bus bar, tertiary reactor-I,II, III & IV & 1MVA Aux Tfr.	PGCIL
11.	Bus reactor at Misa	05.11.09 & 06.11.2009	08:00hrs to 16:00 hrs		Bus Reactor	PGCIL