



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.

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No. NERPC/AS/OCC/2009/

6041-75

Date: 17th March, 2010

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, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
10. ED (O&M), NERTS, PGCIL, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
11. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
12. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
13. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
14. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
15. 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 48th OCC Meeting held on 12th March, 2010 at Shillong.

The Minutes of the 48th OCC Meeting of NERPC held on 12.03.2010 at "NERLDC Conference Hall, Shillong is enclosed for favour of kind information and necessary action please.

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

Encl: As above

भवदीय / Yours faithfully,

बी. लिंगखोई 17/3/2010

बी. लिंगखोई /B. Lyngkhloi

सहायक सचिव / Assistant 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. 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 48th

OPERATION COORDINATION SUB-COMMITTEE MEETING OF NERPC

Date: 12/03/2010 (Friday)

Time: 10:30 hrs

Venue: "NERLDC Conference Hall", Shillong.

The List of Participants in the 48th OCC Meeting is attached at **Annexure - I**

Shri A.K. Jain, Member Secretary I/C, NERPC welcomed all the participants to the 48th OCC meeting. He expressed his satisfaction at active participation of the constituents in the past and was sure that NER would continue to benefit from active & serious deliberations in all times to come.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 47th MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

Member Secretary I/C mentioned that the minutes of the 47th meeting of the OCC held on 10th February, 2010 were circulated to all the concerned, vide letter no. NERPC/AS/OCC/2009/5671 – 705, dated 15th February, 2010.

As no comment was received from any of the constituents, the minutes of the 47th OCC Meeting were confirmed.

Member Secretary I/C, NERPC informed that the CEA's letter No: CEA/PLG/DMLF/101/2010/115 dated 25.02.2010 (Copy at **Annexure - A.I**) mentioned of the decision taken by Secretary (Security), GOI, about the need for reporting on "**quarterly monitoring of preparedness**" of various utilities (including private sector players) for dealing with any crisis situation. Accordingly, the CEA is now seeking "**quarterly reports**" in which the details required to be furnished by the utilities need to cover:

- a) Site location
- b) Scenario of crisis situation
- c) Date & Time
- d) Observations & recommendation for further improvement etc.

He further requested the attention of all to in particular to para-3 of the stated letter of the CEA wherein it has been mentioned that the RPCs are to co-ordinate with the RLDCs/SLDCs etc. for the above exercise to periodically furnish information to the CEA regarding mock drills & other details so as to effectively implement the directions of the Cabinet Secretariat.

He, therefore, requested all the ISGS & States to furnish the quarterly reports regularly to the NERLDC for their onward communication of the same to the NLDC.

The NERLDC proposed that all the constituents could furnish the 1st Quarterly Reports for "Monitoring of preparedness" related to Security, DMP & Mock Drills latest by 15th April, 2010, to start with, which could further be done even earlier than the mid of the following month of the previous quarter. All agreed to the suggestion.

Member Secretary I/C, NERPC also informed about his recent participation at the seminar organized by the CBIP on 25.02.2010 at New Delhi at which the "**Draft Recommendations**" for "**Prevention against Flooding of Hydro Power Stations**" were discussed. (Copy at **Annexure - A.II**). He requested all the constituents to convey their suggestions & observations on the above draft recommendations, if any, directly to the CBIP. He hoped that the last two segments of the drafts would be very useful in the context of preparedness against such an eventuality of HEPs.

The Sub-committee noted as above.

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

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

Member Secretary I/C, NERPC requested the NERLDC to give presentation on the grid performance for the month of February, 2010. The NERLDC gave presentation that included the following key parameters:-

- i) **Average frequency** during February, 2010 was 49.82 Hz compared to 49.72 Hz for the previous month.
- ii) **Minimum frequency** in February, 2010 was 48.84 Hz (19.02.10 at 6:40 hrs) compared to 48.79 Hz for the previous month.
- iii) **Maximum frequency** was 50.62 Hz (09.02.10 at 02:58 hrs) as against 51.08 Hz in the previous month.

- iv) **System frequency** remained within permissible range of 49.2 Hz to 50.3 Hz for 97.98 % of the time, below 49.2 Hz for 0.38 % and above 50.3 Hz for 1.64 % of time as against the corresponding values of 95.27 %, 3.13 % and 1.60 % in the previous month i.e. January, 2010.
- v) **Regional peak** demand in February, 2010 was 1654 MW as compared to 1599 MW, in January, 2010 an increase of 3.4 % over the previous month.
- vi) **Energy requirement** was 697.80 MUs in February, 2010 compared to 774.59 MUs a decrease of 9.9% compared to the previous month.
- vii) **Regional energy availability** in February, 2010 was 638.49 MUs compared to 721.46 MUs in the previous month- a decrease of 11.50 % over the previous month.
- viii) **Rise in demand met** was highest of (13.12 %) in Meghalaya followed by Assam (6.85%) and Ar. Pradesh (2.74 %) over the previous month.
- ix) **Drop in demand met** was recorded in Manipur (11.11 %) followed by Tripura (10.95 %) and Mizoram (8.06 %) over the previous month viz. January, 2010.
- x) **Over Voltages** at 400 kV substations were observed at Bongaigaon, Balipara and Misa where maximum voltage observed was 427 kV, 429 KV and 432 KV respectively.
- xi) **No over Voltages** at 220kV S/S and 132 kV S/S were observed.
- xii) **Regional Generation & Inter-regional Exchanges:** During the month of February, 2010 compared to January, 2010 is given below:

SN	Parameter	February, 2010	January, 2010
REGIONAL GENERATION & INTER - REGIONAL EXCHANGES (in MU)			
1	Total Generation in NER (Gross)	464.578	559.679
2	Total Central Sector Generation in NER (Gross)	262.634	321.594
3	Inter-Regional Energy Exchanges		
	(a) NER – ER	0.00	0.00
	(b) ER – NER	173.630	179.450
	(c) Net Import	173.630	179.450

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

Member Secretary I/C informed that the NEEPCO requested to avail shutdown of 400 KV switchyard of Ranganadi HEP on 12.03.2010 (one day) from 0900 hrs to

1600 hrs for replacement of 145 KVA Neutral Grounding Reactor (NGR), vide their letter dated 08.03.2010 .

After discussion the Sub-committee agreed to the proposal of NEEPCO.

Thereafter, he requested Shri B. Lyngkhai, Assistant Secretary, NERPC, to take up the agenda items for discussion.

FOLLOW UP ACTION

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

Sh. Lyngkhai informed that the issue has had been discussed many times and that the RPC approved implementation of the scheme during the 8th RPC meeting held on 12th January, 2010. He further informed the constituents who have not done so yet had informed that the list of identified feeders would be furnished by the end of January, 2010. Since there were no representatives from Ar. Pradesh & Manipur, the progress made by these two states could not be confirmed.

Assam informed that the Scheme had been implemented and made operational. **Mizoram** informed that procurement of UFRs was in progress and the scheme would be implemented soon. **MeSEB** informed that they had taken up the matter with their management for financing the scheme and the UFRs were likely to be procured during the next financial year.

The sub-Committee requested the NERPC to write once again to the Departments concerned of Manipur & of Arunachal Pradesh to finalize & forward the list of feeders as per the decision taken during the 8th TCC/RPC meetings. It was also agreed that reports of installed and operational UFRs could be submitted to the NERPC.

Assam requested to explore the possibility of Video Conferencing so that all the constituents would participate in the meeting. This would also help in saving both **travel time** and **cost**. All the constituents appreciated the suggestion of Assam and suggested that video conferencing could be held at least once in three months.

The Sub-committee requested NERPC to explore the possibility of video

conferencing with NIC as they already have the requisite set up in all District HQRs.

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

Since no representative from Ar. Pradesh was present the current status could not be ascertained.

C. 3 Energy metering issues in NER

Sh. A. Patir, AGM, PGCIL informed that ERDI, Bangalore was entrusted with the type-test of meters. However, ERDI intimated that only one meter would be kept with them for type-testing and the rest would be dispatched shortly to the NERTS, PGCIL. PGCIL informed that the meters would be installed at the earliest as soon as received by them.

The sub-Committee noted as above.

C. 4 Single Phase Auto-reclosure of Transmission lines.

AGM, POWERGRID informed that joint inspection with NEEPCO had been carried out details of which would be available by the next OCC meeting.

The sub-Committee noted as above.

C. 5 Special Protection Schemes (SPS) for Vulnerable 132 kV Pockets in NER.

AGM, POWERGRID informed that they had already replaced the 600:1 CT ratio at 132 KV Imphal (PG) – Imphal (Manipur) on 17.02.2010. Sh. Lyngkhoi enquired if 80 – 85 MW power flow in this line was possible. The PGCIL informed that current power flow in this line was around 70 – 75 MW and further informed that protection in Manipur (DOP) side was not functioning properly and whenever a problem developed, the PGCIL had to clear it from their end. He requested that protection committee should be called at regular interval so that important issues of protection could be resolved.

It was agreed that Manipur be asked to open Imphal – Ningthoukhong Line in order to implement the Special Protection Scheme as approved in the 8th NERPC meeting.

The Sub-committee noted as above.

C. 6 Status of gravelling work by AEGCL at Balipara substation

Assam informed that the work was in progress and the same was expected to be completed by April, 2010.

The Sub-committee noted as above.

C. 7 Non-functioning of 48 V DC supply at Kopili HEP.

The NEEPCO informed that they placed order for both the battery & the charger and the work was in progress which was expected to be completed by April, 2010.

The sub-Committee noted as above.

C. 8 Status of Loktak – Jiribam Ckt - I.

As no Manipur representative was present, progress made could not be known.

C. 9 Status of Total Harmonic Distortion (THD) in NE grid.

AGM, NERLDC stated that the report had not yet been received by them from CPRI which would be shared by them as soon as received.

The sub-Committee requested PGCIL to pursue with CPRI for the report.

D. NEW ITEMS

D. 1 Load Generation Balanced Report (LGBR).

The NERPC prepared the **LGBR for the year 2010 – 2011** based on the data received from some of the constituents and that available with the NERPC. The LGBR so prepared was placed for discussion.

AGM, NERLDC requested the NERPC to send the draft LGBR to those constituents who did not furnish the data to seek their comments, if any, within 15 days. If no comments received, the data, as prepared by the NERPC would be taken as final.

The sub-Committee noted as above.

D. 2 Implementation of Free Governor Mode of Operation (FGMO).

Sh. Lyngkhai informed that during the 46th OCC meeting, the NERLDC had given a presentation on CERC order dated 20.08.2009 that all hydro generating units of size more than 10 MW should be operated in FGMO w.e.f. 01.03.2010 & all concerned were requested to give details.

The NERLDC informed that the ISGS had already furnished the information. However, **Assam & Meghalaya** had not furnished the same yet. **MeSEB** informed that the information would be furnished soon. **Assam** requested the NERPC to write to MD, APGCL as the information was available with the generating agency.

The sub-Committee noted as above.

D. 3 Revival of 132 KV PK Bari-Dharmanagar-Durllavcherra- Panchgram link between Assam and Tripura

The issue has had been discussed many times in previous OCC meetings as well as in TCC/RPC meetings. However, till date the line was not revived that caused not only transmission constraint when R.C.Nagar – Kumarghat or Kumarghat – Aizawl line was out of order, but also many a times R.C.Nagar (AGTP) had to back down.

Assam informed that all the works under their responsibility had been taken care of (Copy of action by them is enclosed at **Annexure D.3**). **Tripura** informed that they would look into the matter for further needful.

The sub-Committee requested the NERPC to write to Tripura for revival of this line at the earliest.

D. 4 Installation of Line Reactor at Kathalguri end.

PGCIL informed that they tied up with NEEPCO for joint inspection and would report thereupon later.

The sub-Committee noted as above.

D. 5 State-wise anticipated peak demand/requirement, shortage for March, April & May, 2010

The sub-Committee reviewed anticipated peak demand/energy requirement and finalized the same for the months of March, April & May, 2010 and details are given herebelow:

March, 2010

April, 2010

May, 2010

S.No.	State	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)
1	Ar. Pradesh	80	70	85	75	90	85
2	Assam	830	700	850	730	870	840*
3	Manipur	90	80	90	80	75	74
4	Meghalaya	280	200	275	185	250	200*
5	Mizoram	65	45	60	45	70	45
6	Nagaland	85	70	80	75	85	75
7	Tripura	135	125	130	120	150	115*
	Region	1565	1290	1570	1310	1590	1434

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

D. 6 Generation Outage Planning (ongoing and planned outages)

There was no generation outage planning proposed during the meeting.

The sub-Committee noted as above.

D. 7 Outage Planning of Transmission elements

The Sub-committee **discussed and approved** the programme of outages during the months of March/April, 2010 for transmission lines as proposed by the PGCIL & the Constituents. The same is enclosed at **Annexure D. 7.**

The sub-Committee approved the programme.

D. 8 Estimated Transmission Availability Certificate (TAC) for the month of February, 2010.

The Final TAC has been issued by the NERPC for the month of **January, 2010**, vide letter No: NERPC/AS/TAC/2009/5860 dated 03.03.2010, which is **99.6099%**. The estimated Transmission System Availability for the month of **February, 2010** furnished by PGCIL was **99.28%** as per details at **Annexure D. 8.** The constituents were requested to examine the outage details as uploaded on the website of the NERPC (data furnished by PGCIL) and give their comments before

25.03.2010 so as to ensure issue of certification by the NERPC before the stipulated date i.e. 31.03.2010.

The sub-Committee noted as above.

D. 9 Major grid disturbances in the previous month (February , 2010)

The NERLDC informed that there was no major grid disturbance during the month of February, 2010.

The Sub-committee noted as above.

D. 10 Non-receipt of SEM readings

As agreed in the 12th CC meeting of the NERPC to discuss non-receipt of SEM readings in the monthly OCC meetings, the following were discussed.

- a. 220 kV Kathalguri – Tinsukia: Reading from Tinsukia is irregular (ASEB)
- b. 220 kV Kathalguri – Deomali: Reading from Deomali is irregular (AP)
- c. 132 kV Bairabi - Kolasib: Reading from Bairabi is irregular (Mizoram)
- d. 132 kV D'cherra – D'nagar: Reading from D'cherra is irregular (ASEB)

Representative from **AEGCL** agreed to pursue the issue with concerned personnel regarding Tinsukia and Dullavcherra.

Representative from **Mizoram** informed that SEM readings of Kolasib were sufficient for energy accounting of Mizoram as Bairabi generation could be monitored from the difference in the SEM readings of Kolasib.

Representative from **NERLDC** informed that the LT feeder readings from Arunachal Pradesh and Assam were not being sent to the NERLDC after August 2008 and requested to resolve the issue at the earliest as these readings were used for energy accounting of NER region.

NERLDC was requested to seek clarification from the commercial circle of AEGCL regarding LT feeder readings.

D. 11 Latest CERC Regulations

The NERLDC highlighted the important issues in the latest CERC orders and distributed CDs to the participants containing details. Members appreciated the initiative taken by NERLDC and stressed upon the importance of following up & deliberating upon the issues addressed by the CERC in their latest orders.

It was agreed that NERLDC would mail the latest CERC orders/ regulations to the constituents (e-mail id at **Annexure-D-11**).

D. 12 Metering in 132 KV Aizawl (PG) – Aizawl (S) Line - II

The **NERLDC** informed that the problems of SEM had been rectified. Further, SEMs need to be installed at Luangmual and Zemabawk sub-stations for energy accounting. It was agreed that **Mizoram** would check the availability of CTs/ PTs in their sub-stations for installation of SEMs, and intimate the NERTS accordingly.

D. 13 Any Other Items: from MeSEB

(i) Charging of 132 KV Umtru – Kahelipara Ckt - I:

MeSEB informed that LILO works at Umtru S/S for the 132 KV Sarusajai – Sgage IV D/C were completed on the 22nd February, 2010. Subsequently, shutdown of 132 KV Umtru – Kahelipara I&II and of Umtru – Sarusajai I&II were withdrawn on 22.02.2010 at 18:15 & 18:45 hrs respectively. Both 132 KV Umtru – Sarusajai D/C lines and 132 KV Umtru – Kahelipara II were charged on 22.02.2010 at 19:32 hrs. However, 132 KV Umtru – Kahelipara ckt-I was not charged as they did not get the approval from Assam. MeSEB requested Assam to give its approval for charging the same.

The Sub-committee requested MeSEB & Assam to resolve the matter bilaterally.

(ii) Shifting of Inter-State SEM from Stage-IV P/S to Umtru P/S:

MeSEB informed that since the LILO works for 132 KV Stg-IV- Sarusajai D/C lines at Umtru switchyard were completed on 22.02.2010, the two Interstate metering points were shifted from Stage-IV P/S to the new 132 KV Umtru – Sarusajai lines at Umtru P/S.

The NERPC mentioned that the meters installed at these locations were very important since these involved commercial implications due to interstate lines and enquired from NERLDC about the status of the meters. The **NERLDC** informed that the meters installed at these locations had been taken care of and the meters were operational.

The sub-Committee noted as above.

D. 14 Date & Venue of next OCC meeting

It is proposed to hold the 49th OCC meeting of NERPC on 9th April, 2010 (Friday) at NERLDC, Shillong.

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

List of Participants in the 48th OCC meeting held on 12/03/2010

Sl. No	Name & Designation	Organization	Contact No. /e-mail ID
1.	No Representative	Arunachal Pradesh	
2.	Sh. H. Hazarika, DGM, LD&C	Assam	09854809104
3.	Sh. A.K. Saikia, Sr. Manager, SLDC	Assam	09864116176
4.	No Representative	Manipur	
5.	Sh. F.E. Kharshiing, EE, SLDC,	Meghalaya	09863066960
6.	Sh. T. Gidon, AEE, SLDC,	Meghalaya	09436326178
7.	H. Lalnunsanga, A.E, (P&E)	Mizoram	09436144651
8.	No Representative	Nagaland	
9.	Sh. Dhiman Das, Sr. Mgr (Elect)	Tripura	
10.	Sh. Mrinal Paul, Mgr (Elect)	Tripura	09436137022
11.	Sh. T.S.Singh, A.G.M	NERLDC	09436302717
12.	Sh. N. R. Paul, D.G.M	NERLDC	09436302723
13.	Sh. R. Sutradhar, C.M	NERLDC	09436302714
14.	Sh. M. Hussain, C.M	NERLDC	09436302713
15.	Sh Anupam Kumar, AE	NERLDC	09436335379
16.	Sh. A. Patir, A.G.M	NERTS	09436302806
17.	Sh. S. Das, C.M	NERTS	09436335252
18.	Sh. Ishat Ali, A.E	NERTS	09436335244
19.	Sh. Bhaskar Goswami, Sr. Mgr	NEEPCO	09436163983
20.	Sh. B.R.Bhattarchajee, Mgr	NEEPCO	09436122450
21.	Sh. Bendannng Ningsang, A.M	NEEPCO	09436076080
16.	No Representative)	NHPC	
17.	Sh. A.K.Jain, MS I/C	NERPC	
18.	Sh.B. Lyngkhoi, AS	NERPC	09436163419
18.	Sh. Lalrinsanga, E.E	NERPC	09436161886
19.	Sh. D.K. Bauri, AEE	NERPC	09863317236

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email-Id of Participants in the 48th OCC meeting held on 12/03/2010

Sl. No	Name & Designation	Organization	e-mail ID
1.	No Representative	Ar. Pradesh	
2.	Sh. H. Hazarika, DGM, LD&C	Assam	sldc_aseb@rediffmail.com
3.	Sh. A.K. Saikia, Sr. Manager, SLDC	Assam	
4.	No Representative	Manipur	
5.	Sh. F.E. Kharshiing, EE, SLDC,	Meghalaya	sldc_shg@dataone.in
6.	Sh. T. Gidon, AEE, SLDC,	Meghalaya	
7.	H. Lalnunsanga, A.E, (P&E)	Mizoram	sldc_mizoram@ediffmail.com
8.	No Representative	Nagaland	
9.	Sh. Dhiman Das, Sr. Mgr (Elect)	Tripura	sldc_tsecl@rediffmail.com
10.	Sh. Mrinal Paul, Mgr (Elect)	Tripura	
11.	Sh. T.S.Singh, A.G.M	NERLDC	tssingh4@rediffmail.com
12.	Sh. N. R. Paul, D.G.M	NERLDC	nrpaul@indiatimes.com
13.	Sh. R. Sutradhar, C.M	NERLDC	
14.	Sh. M. Hussain, C.M	NERLDC	
15.	Sh Anupam Kumar, AE	NERLDC	
16.	Sh. A. Patir, A.G.M	NERTS	apatir@gmail.com
17.	Sh. S. Das, C.M	NERTS	
18.	Sh. Ishat Ali, A.E	NERTS	
19.	Sh. Bhaskar Goswami, Sr. Mgr	NEEPCO	
20.	Sh. B.R.Bhattachajee, Mgr	NEEPCO	
21.	Sh. Bendannng Ningsang, A.M	NEEPCO	
16.	No Representative)	NHPC	
17.	Sh. A.K.Jain, MS I/C	NERPC	jainak@rediffmail.com
18.	Sh.B. Lyngkhoi, AS	NERPC	b_lyngkhoi@yahoo.com
18.	Sh. Lalrinsanga, E.E	NERPC	
19.	Sh. D.K. Bauri, AEE	NERPC	

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The Shutdown Programme for the month of March, 2010 as approved in the 48th OCC Meeting held at NERLDC, Shillong on 12.03.2010 are as follows:

Sl. No	Name of T/L	S/D Date	S/D Time	Purpose	Areas/Feeder affected
1.	400 KV Misa-Balipara-I feeder & Bus Reactor	1st week of April	08.00 hrs to 16:00 hrs Subjected to Ar. Pradesh Consent	Changing of defective insulator string	Misa-Balipara-I feeder & 50 MVAR Bus Reactor
2.	400 KV Misa-Balipara-II feeder & 400 KV Bus -I	13.03.10			400 KV Misa-Balipara-II feeder & 400 KV Bus -I
3.	400 KV Kathalguri-Mariani	21.03.10			Kathalguri-Mariani Bay at Mariani SS
4.	220KV Misa-Dimapur-II	30.03.10		AMP	Misa-Dimapur-II
5.	220KV Salakati-BTPS-II	16.03.10			Salakati-BTPS
6.	220 KV Balipara – Samaguri	25.03.10			Balipara – Samaguri line
7.	132KV Khliehriat-Badarpur	25.03.10			Khliehriat-Badarpur
8.	132KV Ranganadi-Ziro	29.03.10			Ranganadi-Ziro
9.	132KV Jiribam-Aizawl	02.04.10 & 03.04.10			Jiribam-Aizawl
10.	132 KV Jiribam – Loktak-II	08.04.10			Jiribam – Loktak-II
11.	132 KV Khandong -Kopili	Deferred to next month	08:00 hrs to 17:00 hrs	Construction activities under Missing link project	Khandong –Kopili & 160 MVA ICT
12.	132 KV Khandong -Kopili	Deferred to next month	08:00 hrs to 17:00 hrs		
13.	132KV Khandong – Khliehriat -II	13.03.10	08.00 hrs to 16:00 hrs		Khandong – Khliehriat -II

Note: All the associates bays maintenance would be done during the shutdown of respective Transmission lines.

Sl. No	NAME OF SUB-STATION/BAYS/ICT/ REACTOR	S/D Date	S/D Time	Purpose	Areas/Feeder affected
1.	132 KV Main Bus at Badarpur	07.04.10	08.00 hrs to 16:00 hrs	AMP	Badarpur-Jiribam, Badarpur-kumarghat, Badarpur-Kolasib, Badarpur-Khliehriat & Badarpur-Badarpur
2.	132 KV Main Bus at Haflong	06.04.10	Subjected to Ar. Pradesh Consent		Khandong-Haflong, Haflong-Jiribam & Haflong ASEB feeder
3.	132 KV ICT Bay at Ziro	29.03.10, 30.03.10 & 31.03.10			33kV feeders (old Ziro, Kimin, Kurung-Kumey)
4.	400/220/33 KV ICT at Bongaigoan	29.03.10 & 30.03.10	09:00 hrs to 15:00hrs		400/220/33 Kv Bus-II & 3 x 25 MVAR tertiary reactors
5.	400/220/33 KV ICT at Misa	01.04.10	08:00 hrs to 16:00 hrs	Changing of defective insulator string	400/220/33 KV ICT at Misa & 400kV Bus-II & 3 x 25 MVAR tertiary reactors
6.	132KV Pailapool Bay at Jiribam	05.04.10	09:00 hrs to 15:00hrs	AMP	Jiribam-Pailapool line
7.	6.3 MVA Transformer Bay at Jiribam	06.04.10	Subjected to Manipur consent		6.3 MVA Transformer
8.	400/220 KV ICT at Balipara	31.03.10	09:00 hrs to 09:45 hrs	AMP (Change over the spare unit)	400 kV ICT Bay & 3 x 25 MVAR tertiary reactors
		01.04.10	09:00 hrs to 09:45 hrs		
		02.04.10	09:00 hrs to 09:45 hrs		
9.	132 KV Ranganadi Switchyard	29.03.10			