



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, अरुणाचल प्रदेश, इटानगर

Meghalaya State Housing Finance Co-Operative Society Ltd.

Building

अरुणाचल प्रदेश, इटानगर - 793003

Nongrim Hills, Shillong - 793003.



ISO 9001:2008

Ph. No 0364 -2520050

Fax No : 0364 - 2520030

No. NERPC/AS/OCC/2011/3266-98

Date: 21st November, 2011

To,

1. Managing Director, AEGCL, Bijuli Bhawan, Guwahati - 781 001
2. Director (Distribution), Me. ECL, Lumjingshai, Short Round Road, Shillong - 793 001
3. CGM, (LDC), SLDC Complex, AEGCL, Kahelipara, Guwahati-781 019
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. Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Aizawl - 796 001
7. Chief Engineer (P), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
8. Chief Engineer (P), Department of Power, Govt. of Nagaland, Kohima - 797 001
9. General Manager, TSECL, Agartala - 799 001
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. AGM, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
16. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
17. Chief Engineer, GM Division, Central Electricity Authority, New Delhi - 110066

Sub: Minutes of the 67th OCC Meeting held on 8th November, 2011 at Guwahati.

The Minutes of the 67th OCC Meeting of NERPC held on 08.11.2011 at "Hotel Grand Starline", Guwahati 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

आपका/ Yours faithfully,

बी. लिंगखोई

बी. लिंगखोई / B. Lyngkhloi

उप सचिव / Assistant Secretary

Copy to:

1. Chief Engineer, AEGCL, Bijuli Bhavan, Guwahati - 781001
2. Chief Engineer, APGCL, Bijuli Bhavan, Guwahati - 781001
3. MD, CA DISCOM, Bijuli Bhavan, Guwahati - 781001
4. MD, UA DISCOM, Bijuli Bhavan, Guwahati - 781001
5. MD, LA DISCOM, Bijuli Bhavan, Guwahati - 781001
6. S.E. (Trans. & Dist), MeSEB Lumjingshai, Short Round Road, Shillong - 793 001
7. Head of SLDC, MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
8. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
9. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima - 797 001
10. Head of SLDC, Department of Power, Dimapur, Nagaland
11. A.C.E. (Power-I), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
12. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
13. S.E. (Trans & Dist), Department of Power, Govt. of Mizoram, Aizawl - 796 001
14. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl - 796 001
15. Head of SLDC, TSECL, Agartala - 799 001
16. Chief Engineer(Elect), Loktak HEP, Vidyut Vihar, Kom Keirap, Manipur- 795124

North Eastern Regional Power Committee

MINUTES OF THE 67th

OPERATION COORDINATION SUB-COMMITTEE MEETING OF NERPC

Date: 08/11/2011 (Tuesday)

Time: 10:30 hrs

Venue: "Hotel Grand Starline," Guwahati.

The List of Participants in the 67th OCC Meeting is attached at **Annexure - I**

Shri C. Lianlunga, Superintending Engineer (SLDC), Dept. of Power, Govt. of Mizoram welcomed all the participants to the 67th OCC meeting. He thanked NERPC for giving them the opportunity to host the 67th OCC meeting at Guwahati. Further, he requested all the members to actively participate in the meeting for fruitful outcome.

Shri P.D. Siwal, Member Secretary I/C, NERPC also welcomed all the participants of the 67th OCC and thanked Dept. of Power, Govt. of Mizoram for hosting the meeting at Guwahati. He briefed about the power scenario during the month of October, 2011 and stated that all the grid parameters are within the IEGC band. However, with the onset of lean season, he requested all the constituents to plan their load management judiciously for the benefit of their states.

Member Secretary I/C stated that the house expressed shock about the sad demise of legendary singer and artist Dr. Bhupen Hazarika who was not only a legend from the NER but the country as a whole. As a mark of respect two minutes silence was observed.

After that the meeting was resumed and he requested Shri B. Lyngkhoi, Assistant Secretary, NERPC to take up the agenda items for discussion.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 66th MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

AS, NERPC mentioned that the minutes of the 66th meeting of the OCC held on 12th October, 2011 at Guwahati were circulated to all the concerned, vide letter no. NERPC/AS/OCC/2010/2725 – 57 dated 21st October, 2011.

Sr. Manager, NEEPCO stated that they have one observation on Items No. D. 7 (iii) to be modified as below:

Item No: D.7 (iii) - Minutes recorded: *The sub-Committee requested NEEPCO to take up the matter once again in the TCC/NERPC meetings. NEEPCO agreed.*

Minutes to be recorded: "Sr. Manager, NEEPCO informed that the problem of acidity is well known to all the constituent members and stated that NEEPCO has taken up the matter in various forums on this issue. Hence, he requested NERPC Secretariat to take up the matter once again so that the problem of acidity could be removed.

With the above modification, the minutes of the 66th OCC Meeting was confirmed as no other comments were received from any of the constituents,.

AS, NERPC requested NERLDC; to give their presentation about the grid performance during the month of October, 2011.

ITEMS FOR DISCUSSION

B.1 OPERATIONAL PERFORMANCE AND GRID DISCIPLINE DURING Oct', 11

The grid performance parameters for the month of October, 2011 as presented by NERLDC during the meeting are given below:

- i) **Average frequency** during October, 2011 was 49.65 Hz, as compared to 49.84 Hz in September, 2011.
- ii) **Minimum frequency** in October, 2011 was 48.57 Hz (10.10.11 at 14:57 hrs) which was 48.78 Hz as recorded in the previous month.

- iii) **Maximum frequency** was 50.63 Hz (26.10.11 at 16:08 hrs), as compared to 50.66 Hz in September, 2011.
- iv) **System frequency** remained within permissible range of 49.5 Hz to 50.2 Hz for 76.15 % of the time, below 49.5 Hz for 23.05 % and above 50.2 Hz for 0.79% of the time as compared to 84.75 %, 10.41 % and 4.84 % of the time respectively in the previous month.
- v) **Regional peak** demand in October, 2011 was 1909 MW as compared to 1876 MW in September, 2011 an increase of 1.77 % over the previous month.
- vi) **Energy requirement** was 980.18 MUs in October, 2011 compared to 1003.94 MUs in September, 2011 a decrease of 2.37 % over the previous month.
- vii) **Regional energy availability** in October, 2011 was 886.69 MUs compared to 920.2 MUs in the previous month, a decrease of 3.64 % over the previous month.
- viii) **Rise in demand met** was recorded in Tripura (15.49%), Mizoram (10.32%), Assam (6.35%), Manipur (1.92%) & Nagaland (0.97%) over the previous month.
- ix) **Drop in demand met** was recorded in Ar. Pradesh (5.56%) over the previous month viz. September, 2011.
- x) **Over Voltages** at 400 kV substations were observed at Bongaigaon, Misa and Balipara where maximum voltage observed were 421, 432 kV and 427 kV respectively.
- xi) **No over Voltages** were observed at 220 kV S/S and 132 kV S/S.
- xii) **No Under Voltage** observed at 400 kV S/S and 220 kV S/S. Under voltage observed at 132 KV Aizawl and Kumarghat S/S were 120 kV.
- xiii) **Regional Generation & Inter-regional Exchanges:** During the month of October, 2011 compared to September, 2011 are given below:

SN	Parameter	October, 2011	September, 2011
REGIONAL GENERATION & INTER - REGIONAL EXCHANGES (in MU)			
1	Total Generation in NER (Gross)	795.563	886.588
2	Total Central Sector Generation in NER (Gross)	492.528	583.866
3	Inter-Regional Energy Exchanges		
	(a) NER - ER	6.41	20.32
	(b) ER - NER	125.74	69.71
	(c) Net import	119.33	49.39

The Sub-committee noted as above.

FOLLOW UP ACTION

C. 1. Transfer facility in Bus Bar arrangement:

DGM (LDC), Assam informed that the above work has been completed and commissioned on 20th October, 2011.

The sub-Committee noted as above.

C. 2 Deputation of site engineer by PGCIL at Kopili for SCADA system:

CM, POWERGRID informed that the matter has been taken up with the appropriate authority of ABB and they have assured that they would visit the site by 2nd week of November, 2011 and restore the SCADA system of Kopili at the earliest. The status would be intimated in the next OCC meeting.

The sub-Committee noted as above.

C. 3 Installation of new Under Frequency Relays (UFRs) in NER constituent systems and constituent-wise load relief quantum as recommended by the sub-committee:

AS, NERPC informed that the data regarding locations of installation of UFRs has been received from Meghalaya, Nagaland & Mizoram only. During the 66th OCC meeting Assam informed that the above information was also sent by them, but NERPC Secretariat has not yet received till date.

DGM (LDC), Assam informed that the reply has already been sent to NERPC Secretariat; however, the same would be forwarded to NERPC again.

The Sub-committee requested all the remaining constituents to furnish the same at the earliest.

AS, NERPC also enquired about the likely date for completion of UFR by Manipur & Tripura. The status as given in the 67th OCC meeting is as below:

- 1) Manipur : March, 2012
- 2) Tripura : February, 2012

SE, SLDC, Mizoram stated that the remaining states above should try to complete the installation of UFR at the earliest so that other constituents who have already completed would not suffer in case of under frequency problem arise.

The sub-Committee noted as above.

C. 4 Bus transfer facility at 132 KV Gohpur (AEGCL) Sub-station:

AS, NERPC informed that as decided during the 66th OCC meeting the issue shall be discussed during the upcoming TCC/NERPC meetings scheduled to be held on 14th & 15th November, 2011.

The Sub-committee noted as above.

C. 5 Non-utilization of transfer facility at Khandong HEP:

AS, NERPC informed that as decided during the 66th OCC meeting the issue shall be discussed during the upcoming TCC/NERPC meetings scheduled to be held on 14th & 15th November, 2011.

The Sub-committee noted as above.

C. 6 Power flow on 132 KV P.K. Bari – Panchgram line:

DGM, NERLDC informed that during the concluding Durga Puja festival the above line has been loaded up to 50 – 55 MW and therefore felt that testing of the line is no more required as the same has been observed already.

Sr. Manager, TSECL agreed that the line loading as stated by DGM, NERLDC is correct but she wanted to know from Assam whether 50 – 55 MW can carry for all the time or only for a short period. She stated that Tripura has completed re-conductoring of the above line and requested Assam to do the same.

DGM, LDC, Assam stated that they are not in a position to state whether re-conductoring will be carried out as requested by Tripura. He requested Tripura to write to their Management regarding re-conductoring of the above line. Tripura agreed.

The Sub-committee noted as above.

C. 7 Supply & Installation of V-SAT & PMU equipments:

DGM, NERLDC stated that they will write to all the concern states to submit the names of Nodal **officers** required for co-ordination of procurement & installation activities of V-SAT & PMU equipments and also for arrangement of road permits for transportation of equipments from vendors' works to concerned utilities.

The Sub-committee noted as above.

C. 8 Low voltage profile during peak hours resulting to less generation:

AS, NERPC enquired from NHPC about the cause of low voltage problem. Manager, NHPC informed that problem is very unique and could not specify the exact cause of the low voltage problem. After detailed discussion - *The Sub-committee requested NHPC to explore installation of Capacitor bank so that the problem of low voltage could be arrested. NHPC agreed.*

C. 9 Single-Phase Auto-Reclosure of Transmission Lines:

The status of SPAR as reviewed during the 67th OCC meeting is given below:

Sr. No.	Name of the Line	Ownership	Status as given on 67th OCC meeting.
1	400kV Balipara - Ranganadi I&II	RHEP, NEEPCO	Completed
2	220kV Kopili - Misa # I & II	KHEP, NEEPCO	NEEPCO informed that R&M Scheme has been approved and installation will be completed by Feb' 2012.
3	220kV Salakati - BTPS - I & II	BTPS, AEGCL	Assam informed that the work is in progress and the same will be completed by March, 2012.
4	220kV Balipara - Samaguri	Samaguri, AEGCL	Assam informed that it will take some time and likely date is Nov', 2012.
5*	132kV Aizawl - Zemabawk	Zemabawk, P&E, Mizoram	The issue has been deferred to TCC/RPC
6	132kV Khandong - Haflong	KHEP, NEEPCO	NEEPCO will procure the CBs under R&M Scheme and implement by Apr', 2012.
7	132kV Khandong - Kopili	KHEP, NEEPCO	NEEPCO will procure the CBs under R&M Scheme and implement by Apr', 2012
8	132kV Loktak - Jiribam # II	Loktak, NHPC	Materials have been dispatched in 2 lots from factory and work will be completed by Jan', 2012.
9	132kV Ranganadi- Ziro	RHEP, NEEPCO	Ar. Pradesh representative was absent. Status could not be updated.

The Sub-committee noted as above.

C. 10 Frequency of AGBPP shoot up to 55 Hz resulting to tripping due to over speed:

NERLDC, NEEPCO & Assam informed that the issue of frequency shoot up was occurred only once and it is not a regular phenomenon and they have agreed to drop this agenda for the time being.

The Sub-committee noted as above.

D. NEW ITEMS

D. 1 State-wise anticipated peak demand/requirement, shortage for December, 2011, January, February & March, 2012.

The sub-Committee reviewed & finalized the anticipated peak demand/energy requirement for the months of December, 2011, January, February & March, 2012. The peak availability for January, February & March, 2012 could not be furnished as the same has to be worked out by NERLDC.

S.No.	State	December, 2011		Jan, 12	Feb, 12	Mar, 12
		Peak Demand (MW)	Peak Demand (MW)	Peak Demand (MW)	Peak Demand (MW)	Peak Demand (MW)
1	Ar. Pradesh	90	80	110	110	105
2	Assam	1000	875	1100	1000	1020
3	Manipur	100	80	110	110	110
4	Meghalaya	270	200	320	255	265
5	Mizoram	75	50	75	75	75
6	Nagaland	100	85	115	105	110
7	Tripura	185	140	220	195	200
	Region	1820	1510	2040	1842	1885

D. 2 Generation Planning (ongoing and planned outages)

The Sub-committee has approved the proposed shutdown of NEEPCO and NHPC. The same is enclosed at **Annexure - D.2:**

NEEPCO/NHPC has indicated the daily availability for hydro stations:

Khandong -	0.252 MU
Kopilli -	1.592 MU
Ranganadi -	(subject to inflow)
Doyang -	0.186 MU
Loktak -	2.500 MU

The Sub-committee noted as above.

D. 3 P.K. Badi RTU problem.

Sr. Manager, TSECL informed that since 15th September, 2011 very often Central Sector data along with P.K. Bari RTU (TSECL) is becoming unavailable/suspect intermittently. The reason suspected by DeeJay Consultant Pvt. that problem is happening due to laying of FOC on ground. She requested POWERGRID to look into the problem and restore the same immediately as operation in SLDC is getting hampered.

Manager, POWERGRID informed that they will take up the matter with the concern authority and try to solve the problem at the earliest.

Member Secretary I/C also requested that POWERGRID should look into the matter on top priority and intimate the status within one week. POWERGRID agreed.

The Sub-committee noted as above.

D. 4 Software problem in DCD.

Sr. Manager, TSECL informed that that there was software problem with the DCD meter of GSS, 79 Tilla and data could not be collected. She requested POWERGRID for immediate replacement of DCD. POWERGRID informed that they will take up the matter and restore within one week.

The Sub-committee noted as above.

D. 5 Drawal Restriction.

Sr. Manager, TSECL informed that Management of TSECL desired the written instruction & information for restriction of drawal, if any, during evening peak in view of CS lines overloading. Hence, she requested NERLDC to send the same to SLDC Control room, Agartala.

DGM, NERLDC stated that the request of Tripura cannot be met as it would be difficult for them to keep a track about the particular instruction during real time operation as they have to co-ordinate not only with Tripura but with other constituents/utilities also. He suggested that Tripura may download the HDR data from their SCADA system and submit to their management if required.

After detailed discussion – *the Sub-committee decided to drop this item.*

D. 6 Outage Planning Transmission elements

The Sub-committee **discussed and approved** the programme of transmission line outages for November/December, 2011 as proposed by POWERGRID. The same is enclosed at **Annexure – D.6**

The Sub-committee noted as above.

D. 7 Estimated Transmission Availability Certificate (TAC) for the month of June, 2011.

The Final TAC certified by NERPC for the month of September, 2011 has not yet been issued by NERPC Secretariat as data has not been received from POWERGRID.

The Estimated Transmission/System Availability for the month of October, 2011 furnished by PGCIL is **99.9115 %** as per details at **Annexure D. 7**. NER constituents are requested to kindly give their comments and observations, if any, by 25th November, 2011 so that Final TAC for the month of October, 2011 can be issued.

The sub-Committee noted as above.

D. 8 Major grid disturbances in the previous month (October, 2011)

There was no major grid disturbance during the month of October, 2011.

The sub-Committee noted as above.

D. 9 Any other item

- i). **Quarterly Progress Report:** DGM, NERLDC requested that Quarterly Progress Report of newly commissioned and ongoing projects of transmission lines and generating stations should be submitted by concerned utilities so that the status could be known to constituents. The same will also be updated in Monthly Status Report prepared by NERLDC.

Member Secretary I/C informed that the progress of transmission lines and generating stations are being updated in every TCC/RPC meetings, the status updated during these meetings would be intimated in the OCC meetings for information to the OCC Sub-committee. All constituents agreed.

The sub-Committee noted as above.

D. 10 Date & Venue of next OCC meeting

It is proposed to hold the 68th OCC meeting of NERPC on 9th December, 2011 (Friday). As per roster Dept. of Power, Govt. of Nagaland will be the host for the above meeting. The venue of meeting will be intimated in due course.

List of Participants in the 67th OCC meeting held on 08/11/2011

Sl. No	Name & Designation	Organization	Contact No.
1.	No Representative	Ar. Pradesh	
2.	Sh. K.K. Das, DGM, LD&C	Assam	09435182116
3.	Sh. A.K. Saikia AGM, LD&C	Assam	09864116176
4.	No Representative	Meghalaya	
5.	Sh. C. Lianlunga, SE, SLDC	Mizoram	09436142332
6.	Sh. H. Lalnunsanga, AE	Mizoram	09436144651
7.	Sh. V. Lalzamvela, JE	Mizoram	09436454704
8.	Sh. S. Priyananda Singh, AE	Manipur	09612152014
9.	No Representative	Nagaland	
10.	Sh. B. Debbarma, DGM (SO)	Tripura	09436450501
11.	Smt. Sampa Sen, Sr. Manager	Tripura	09436120263
12.	Sh. N.R. Paul, DGM	NERLDC	09436302723
13.	Sh B. Medhi, Sr. Engineer.	NERLDC	09436335376
14.	Sh. A.K. Sharma, Manager.	NERTS	09436335241
15.	Sh. Bhaskar Goswami Sr. Mgr.	NEEPCO	09436163983
16.	Sh. Y. Surjamani Singh, Mgr.	NHPC	09436894857
17.	Sh. P.D. Siwal, MS IC	NERPC	09436998378
18.	Sh. B. Lyngkhoi, AS	NERPC	09436163419
19.	Sh. D.K. Bauri, EE	NERPC	09863317236

.....ooOoo....

Shutdown Programme for the month of November, 2011
as approved in the 67th OCCM held on 08.11.2011 at “Hotel
Grand Starline”, Guwahati.

S/D PROGRAM FOR POWERGRID TRANSMISSION LINES & ITS ASSOCIATED BAYS:					
S/N	Name of Tr. Lines	Date	Time	Purpose	Areas / Feeders Affected
1	132 kV Agartala-Agartala	21.11.11 to 22.11.11	08:00 Hrs to 15:00 Hrs	Stringing activities in the re-aligned section from loc. 4 to 15. The said diversion work has been carried out at the instance of Indian Army based near 79 Tillah.	132 kV Agartala-Agartala
2	132 kV Balipara-Tezpur (subject to avail. of 400 kV Misa-Balipara line)	18.11.11 to 20.11.11	08:00 Hrs to 16:00 Hrs	Raising of conductors across Railway Track Crossing for maintaining adequate electrical clearance in view of gauge conversion.	132 kV Balipara-Tezpur
3	132 kV Salakati-Gelephu (Subject to consent of ERLDC)	12.11.11	09:00 Hrs to 17:00 Hrs	AMP of line & associated bays.	132 kV Salakati-Gelephu
4	400 kV Misa-Balipara-I along with Bus Reactor	12.11.11 to 17.11.11	08:00 Hrs to 16:00 Hrs	Erection of CB & Isolator in connection with installation of new 315 MVA ICT under ATS of Kameng HEP	400 kV Misa-Balipara-I & Bus Reactor
5.	132 KV Gohpur – Itanagar	23.11.11	08:00 Hrs to 16:00 Hrs	Installation, Intertrip Testing & Commissioning of ETL PLCC in Replacement of obsolete ETI equipment.	132 KV Gohpur – Itanagar
6	132 kV Badarpur-Badarpur (Subject to avail. of P.K.Bari-Dullavcherra-Panchgram line)	13.11.11 to 15.11.11	09:00 Hrs to 16:00 Hrs	For stringing activities of 132 kV D/C Silchar-Badarpur line (under construction), under ATS of Pallatana GBPP. The above line crosses/passes through the vicinity of the existing lines at various locations.	132 kV Badarpur-Badarpur
7	132 kV Badarpur-Jiribam	17.11.11 to 19.11.11	09:00 Hrs to 16:00 Hrs		132 kV Badarpur-Jiribam
8	132 kV Badarpur-Aizawl	20.11.11 to 23.11.11	09:00 Hrs to 16:00 Hrs		132 kV Badarpur-Aizawl
9	132 kV Panchgram-Dullavcherra (ASEB)	24.11.11 to 26.11.11	09:00 Hrs to 16:00 Hrs		132 kV Panchgram-Dullavcherra (ASEB)
10	132 kV Badarpur-Khliehriat	27.11.11 to 29.11.11	09:00 Hrs to 16:00 Hrs		132 kV Badarpur-Khliehriat
11	400 kV Misa-Balipara-I	01.12.11 to 15.12.11	08:00 Hrs to 16:00 Hrs	Shifting of Loc 230, threatened by change in river course on new/ safer foundation	400 kV Misa-Balipara-I

* NOTE : All the associated bay maintenance would be done during the S/D of respective T/ L

S/D PROGRAM FOR POWERGRID SUB-STATIONS / BAYS / ICTS/ REACTORS					
S/N	Name of Elements	Date	Time	Purpose	Areas / Feeders Affected
Misa S/S					
1	220 kV Misa-Byrnihat-I	19.11.11	08:00 Hrs to 16:00 Hrs	AMP of Byrnihat-I bay.	220 kV Misa-Byrnihat-I
2	220 kV Misa-Byrnihat-II	22.11.11	08:00 Hrs to 16:00 Hrs	AMP of Byrnihat-II bay	220 kV Misa-Byrnihat-II
3	420 kV, 50 MVAR Bus Reactor	05.12.11 to 19.12.11	Continuous S/D	Replacement of Gaskets of bus reactor	420 kV, 50 MVAR Bus Reactor
Bongaigaon S/S					
4	420 kV Bus Reactor-II	11.11.11	09:00 Hrs to 17:00 Hrs		420 kV Bus Reactor-II
5	400 kV New Siliguri-II main bay	09.11.11	09:00 Hrs to 17:00 Hrs		400 kV New Siliguri-II main bay
6	220 kV Bus Coupler bay	14.11.11	09:00 Hrs to 17:00 Hrs		220 kV Bus Coupler bay
7	315 MVA ICT Tie bay	18.11.11	09:00 Hrs to 17:00 Hrs		315 MVA ICT Tie bay
Balipara S/S					
8	50 MVAR Bus Reactor	26.11.11 to 27.11.11	09:00 Hrs to 17:00 Hrs		50 MVAR Bus Reactor
9	400 kV Bongaigaon-I main bay	19.11.11	09:00 Hrs to 17:00 Hrs		400 kV Bongaigaon-I main bay
10	400 kV Bongaigaon-II main bay	21.11.11	09:00 Hrs to 17:00 Hrs		400 kV Bongaigaon-II main bay
11	400 kV Ranganadi-I main bay	22.11.11	09:00 Hrs to 17:00 Hrs		400 kV Ranganadi-I main bay
12	400 kV, 50 MVAR Ranganadi-I line Reactor	23.11.11 to 24.11.11	09:00 Hrs to 17:00 Hrs		400 kV, 50 MVAR Ranganadi-I line Reactor
13	400 kV Ranganadi-II main bay	25.11.11	09:00 Hrs to 17:00 Hrs		400 kV Ranganadi-II main bay
14	400 kV, 50 MVAR Ranganadi-II line Reactor	28.11.11 to 29.11.11	09:00 Hrs to 17:00 Hrs		400 kV, 50 MVAR Ranganadi-II line Reactor
Dimapur S/S					
15	132 kV Bokajan bay	26.11.11	09:00 Hrs to 15:00 Hrs		132 kV Bokajan bay
16	132 kV Dimapur-I bay <i>(Subject to avail. of other lines)</i>	27.11.11	09:00 Hrs to 17:00 Hrs		132 kV Dimapur-I bay

S/D PROGRAM FOR NHPC:				
Name of Generating Station	Date	Time	Purpose	Areas / Affected
Loktak Unit # I & II	01.12.11 to 07.12.11	Continuous S/D	De-stringing and restringing of 132 kV D/C link between Power House and S'W yard	Loktak Unit # I & II
Loktak Unit #III	06.01.12 to 05.04.12	Continuous S/D	ELCID test of stator and AMP	Loktak Unit #III

S/D PROGRAM FOR NEEPCO:				
Name of Generating Station	Date	Time	Purpose	Areas / Feeders Affected
Kopili U # 3	14.11.11 to 13.12.11	Continuous S/D	APM	Kopili U # 3
Kopili-II U#1	01.12.11 to 30.12.11	Continuous S/D	APM	Kopili-II U#1
Doyang U#1	16.11.11 to 10.12.11	Continuous S/D	APM	Doyang U#1
Ranganadi U#1	01.12.11 to 21.12.11	Continuous S/D	APM	Ranganadi U#1
132 kV Ranganadi SY	15.11.11 to 16.11.11	08:30 Hrs to 16:00 Hrs	Routine Maintenance	132 kV Ranganadi SY