



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

नाग्रिम हिल्स, शिल्लोंग – 793003

Nongrim Hills, Shillong – 793003.



(आई.एस.ओ.: 9001.2000)

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No. NERPC/AS/OCC/2010/1169-202.

Date: 12th November, 2010

To,

15

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

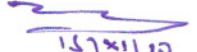
Sub: Minutes of the 56th OCC Meeting held on 9th November, 2010 at Shillong.

The Minutes of the 56th OCC Meeting of NERPC held on 09.11.2010 at “NERTS 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,


(P.D. Siwal)

Superintending Engineer (O)

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, Vidhyut Vihar, Kom Keirap, Manipur- 795124

North Eastern Regional Power Committee

MINUTES OF THE 56th

OPERATION COORDINATION SUB-COMMITTEE MEETING OF NERPC

Date: 09/11/2010 (Tuesday)

Time: 10:30 hrs

Venue: "NERTS Conference Hall," Shillong.

The List of Participants in the 56th OCC Meeting is attached at **Annexure - I**

Shri B.K. Jain, Member Secretary, NERPC welcomed all the participants of the 56th OCC. He briefed about the grid performance during the month of October, 2010. He also requested all the participants to actively participate in the discussion for fruitful outcome of the meeting.

He then requested Shri P.D. Siwal, S.E (O), NERPC to take up the agenda for discussion.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 55th MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

S.E (O), NERPC mentioned that the minutes of the 55th meeting of the OCC held on 8th October, 2010 at Shillong were circulated to all the concerned, vide letter no. NERPC/AS/OCC/2010/1709 - 41, dated 18th October, 2010.

As no comment was received from any of the constituents, the minutes of the 55th OCC Meeting were confirmed.

S.E (O) requested NERLDC to give their presentation about the grid performance during the month of October, 2010.

ITEMS FOR DISCUSSION

B. 10 OPERATIONAL PERFORMANCE AND GRID DISCIPLINE DURING Oct' 10

As per the data made available by NERLDC, the grid performance parameters for October, 2010 are given below:

- i) **Average frequency** during October, 2010 was 49.92 Hz, as compared to 49.97 Hz in September, 2010.
- ii) **Minimum frequency** in October, 2010 was 49.09 Hz (06.10.10 at 18:41 hrs) compared to 48.76 Hz in the previous month.
- iii) **Maximum frequency** was 50.79 Hz (31.10.10 at 17:09 hrs), as compared to 50.79 Hz in Sep'2010.
- iv) **System frequency** remained within permissible range of 49.5 Hz to 50.2 Hz for 93.53 % of the time, below 49.5 Hz for 0.99 % and above 50.2 Hz for 5.47 % of the time as compared to 86.52 %, 1.77 % and 11.71 % of the time respectively in the previous month.
- v) **Regional peak** demand in October, 2010 was 1913 MW as compared to 1844 MW in September, 2010 an increase of 3.74 % over the previous month.
- vi) **Energy requirement** was 922.27 MUs in October, 2010 compared to 928.16 MUs in September, 2010 a decrease of 0.63% over the previous month.
- vii) **Regional energy availability** in October, 2010 was 842.40 MUs compared to 832.85 MUs in the previous month, an increase of 1.15 % over the previous month.
- viii) **Rise in demand met** was recorded in Tripura (13.22%), Assam (11.15%), & Mizoram (5.36%) over the previous month.
- ix) **Drop in demand met** was recorded in Meghalaya (4.72%), Manipur (3.81%) & Nagaland (2.11%) over the previous month viz. Sep' 2010.
- x) **Over Voltages** at 400 kV substations were observed at Misa, Bongaigaon and Balipara where maximum voltage observed were 432 KV, 428 KV and 426 KV respectively.
- xi) **No over Voltages** were observed at 220kV S/S and 132 kV S/S.

- xii) **No under Voltages** were observed at 400 KV, 220kV and 132 kV S/S (s)
- xiii) **Regional Generation & Inter-regional Exchanges:** During the month of October, 2010 compared to September, 2010 are given below:

SN	Parameter	October, 2010	September, 2010
REGIONAL GENERATION & INTER - REGIONAL EXCHANGES (in MU)			
1	Total Generation in NER (Gross)	952.423	949.549
2	Total Central Sector Generation in NER (Gross)	679.500	679.500
3	Inter-Regional Energy Exchanges		
	(a) NER - ER	86.03	144.59
	(b) ER - NER	60.46	47.06
	(c) Net export	25.57	97.53

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

NERLDC informed that Tripura has met the peak demand of 198 MW during the Durga Puja festival and appreciated Meghalaya and Mizoram for their co-operation to meet the load of Tripura during Puja festival.

Member Secretary also wanted to put in record and appreciated the sincere efforts by NERLDC, Meghalaya & Mizoram for helping Tripura to meet the peak demand during the concluding puja festival. He hoped that similar gestures would be extended by Tripura to other constituents during their festival period.

CGM, LD&C Assam informed that Kahelipara is facing low voltage problem during the peak period as Meghalaya is drawing reactive power (VAr) to meet the Industrial load at Byrnihat. He requested Meghalaya to look into the matter.

E.E, Me. ECL informed that capacitor bank was installed at Byrnihat side but recently capacitors have gone faulty, therefore this problem might have developed. He informed that they have written to Transmission wing of the Dept. to repair/replacement of the faulty capacitors and the status will be intimated soon.

Member Secretary suggested Me. ECL to submit the proposal for installation of capacitors for funding through Power System Development Fund (PSDF). Meghalaya agreed.

Meghalaya stated that once Kopili – Khandong Ckt- II is commissioned drawal from Kahelipara/Sarusajai will be reduced. Meghalaya has already upgraded their CT ratio from 300:1 to 600:1 at Khliehriat S/S PGCIL side.

DGM, NERLDC stated that when the grid is favourable they would try to increase the power flow from Khliehriat side and monitor the voltage problem in Kahelipara. Meghalaya agreed.

The Sub-committee noted as above.

FOLLOW UP ACTION

C. 1. Quarterly Monitoring of Preparedness on Disaster Management in NER

S.E (O), NERPC informed that during the 55th OCC meeting the Sub-committee requested NERPC to write a reminder once again to all the constituents who have not furnished the report with a copy to DMLF, CEA. Accordingly, NERPC vide letter dated 19.10.2010 had once again written a reminder to all those constituents who have not furnished the Report with a copy to DMLF, CEA. The Reports have been received from Assam, Meghalaya & NEEPCO.

The Sub-committee requested NERPC to inform to DMLF Division, CEA to take up the matter directly with the remaining States who have not furnished the Reports. The Sub-committee has decided to drop this agenda item.

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

CM, Power Grid informed that as decided in the 55th OCC meeting joint inspection was carried out on 30.10.2010 in which representative from PGCIL, Arunachal Pradesh and BSNL were present. After the link was thoroughly tested by BSNL engineer it was found that the modems at both ends of SLDC and BSNL, Itanagar were found faulty. Further he has requested Ar. Pradesh to procure two more modems for restoration of this link.

E.E, Arunachal Pradesh reiterated that PGCIL had many times informed that only the modem at Shillong end towards NERLDC was faulty and the same was procured and handed to PGCIL for installation at Shillong by BSNL. He stated that it would be very difficult for them to buy new modems again. He requested PGCIL to check the entire link and give a clear indication how many modems are required.

Member Secretary directed PGCIL to inform to Ar. Pradesh within one month, the number of modems required. He stated that if PGCIL is not able to inform the number of modems required, Ar. Pradesh would buy only two more new modems as informed by PGCIL and if any additional modem is needed, PGCIL would have to procure on their own.

The sub-Committee noted as above.

C. 3 Single Phase Auto-reclosure (SPAR) of Transmission lines.

CM, Power Grid informed that the CBs have already dispatched to sites for installation in those lines which are compatible and the work would be completed soon. Relay installation has been completed in some locations and the work is under progress and the work would be completed in all respect by the end of March, 2011.

The progress of work is enclosed at **Annexure – C.3.**

The sub-Committee noted as above.

C. 4 Status of 132 KV Kopili – Khandong 2nd Ckt.

CM, PGCIL informed that the line is on ERS and in operational at present. He however informed that Forest clearance is still awaited and the file is still pending with Nodal Officer Forest Dept. Govt. of Assam. He requested Assam to pursue with Forest Dept. Govt. of Assam.

CGM, LD&C, Assam informed that this Kopili – Khandong Ckt – II is very important now and after commissioning of this ckt the load has gone up tremendously in South Assam and if this line is not available there would be tremendous shortage of power. He stated that they will pursue the case with Forest Dept. Govt. of Assam to get the clearance at the earliest.

The sub-Committee noted as above.

C. 5 Installation of Line Reactor at Kathalguri end of Misa – Kathalguri line:

CM, POWERGRID informed that there was a space constraint to put an Isolator for making the reactor switchable.

Member Secretary enquired about the decision taken earlier whether this reactor is to be made switchable or a simple line reactor and what is the rating of this reactor.

PGCIL informed that it was decided to make line reactor and to install 31.5 MVA reactor as per requirement.

Member Secretary stated that once it was decided to make line reactor, PGCIL should go ahead with the earlier decision and the same should be completed at the earliest as there would no space constraint if the 31.5 MVA reactor is used as a dedicated line reactor. PGCIL agreed

The Sub-committee noted as above.

C. 6 Installation of bay equipments in 132 KV Naharlagun S/S of Dept. of Power, Govt. of Arunachal Pradesh:

CM, PGCIL informed that PGCIL has not procured the bay equipments and the equipments have to be procured by Ar. Pradesh Government.

Member Secretary enquired from Ar. Pradesh about the status in this regard. E.E, Arunachal Pradesh informed that he has no knowledge about who has to procure the equipments and informed that he has to go through the terms & condition in the agreement signed between PGCIL and Ar. Pradesh.

Member Secretary requested both PGCIL & Ar. Pradesh to see the agreement signed between them so that the work could be completed at the earliest. Copy of the correspondence made between PGCIL & Ar. Pradesh in this regard was handed to Ar. Pradesh by PGCIL.

The Sub-committee noted as above.

C. 7 Revival of 132 KV P.K. Bari- Dullavcherra - Panchgram link between Assam & Tripura:

Since no representative from Tripura was present during the meeting the status could not be updated.

The Sub-committee noted as above.

C. 8 Sharing of Inter-State Transmission Charges and losses.

Member Secretary briefed about the CERC (Sharing of inter-state transmission charges & losses) Regulation, 2010, to all the constituents and informed that list of non-ISTS lines was to be submitted to NLDC by first week of October 2010. Ideally the identification of non-ISTS lines should be based on studies but due to shortage of time the same was not feasible and uniform criteria may be adopted for identification of lines for current year. Since, the non-ISTS lines have to be certified every year, the non-ISTS lines may be selected based on system studies in subsequent years. NERPC made a presentation in this regard and the same is enclosed at **Annexure – C.8**. He stated that first of all the criteria to be adopted for identification of Non – ISTS to be agreed upon. Later on Non – ISTS lines as submitted by States may be considered on the basis of this criteria. The criteria proposed to be adopted are given below:

- 1. All lines owned by non-ISTS licensees with voltage level of 132kV and above and connecting two contiguous States would be certified as assets being used for inter-state transmission**
- 2. Transmission lines emanating from sub-station of an ISTS licensee shall be excluded, if transmission line of no other non-ISTS licensee emanates from this sub-station.**
- 3. Lines below 132kV level, even if they connecting two contiguous States would not be treated as ISTS for this purpose.**
- 4. Special Category.**

Assam stated that in the criteria shown only the lines above 132 KV were included which is not justified as many number of lines of 66 KV, 33 KV & some of the 11 KV lines were also used for inter-state transfer of power. They requested strongly that lines below 132 KV should also be included otherwise bilateral arrangement may be considered to settle the wheeling charges for wheeling of CS power through the lines below 132KV.

Member Secretary stated that in the regulation only 132 kV system is being considered therefore lines of voltage below 132kV should not be considered and states should have bilateral arrangement for recovery of wheeling charges. The issue may be discussed during the next NERPC meeting. Constituents agreed.

After detailed deliberation, there was consensus for adopting the above criteria for identification of Non- ISTS lines. All the Non ISTS lines proposed by the states were discussed in detail.

Assam informed that 220 KV BPTS _ Sarusajai – II line should be included in the Non- ISTS line as this line cater the maximum load to Meghalaya through Sarusajai – Umtru I&II. Around 100 MW is consumed by Meghalaya and there is no other line to evacuate the ISGS power and it may be considered at special category line. It was decided that for the current year, ‘Special Category lines’ may not be considered. Member Secretary informed that the list of Non-ISTS lines may be reviewed every year and at present only the inter-state lines as finalized in OCC would be furnished to NLDC. After detailed discussion List of Non – ISTS Line was finalized. The Final List of Non – ISTS Line in NER to be furnished to NLDC is given below:

SN	From	To	Voltage (KV)	Length (KM)	Ckts	Total length (ckt km)	Ownership
1.	Umtru	Sarusajai I&II	132	37	2	74	Assam - Meghalaya
2.	Kahelipara	Umtru I&II	132	9	2	18	Assam - Meghalaya
3.	Jiribam	Pailapool	132	15	1	15	Assam – Manipur
4.	Kohima	Karong	132	50	1	50	Nagaland - Manipur
5.	Dimapur	Bokajan	132	26.4	1	26.4	Nagaland - Assam
6.	Dullavcherra	Dharmanagar	132	29	1	29	Assam - Tripura
7.	Panchgram	Lumshnong	132	23.4	1	23.4	Assam - Meghalaya
8.	Mokokchung	Mariani	132	50	1	50	Nagaland – Assam
9.	Kathalguri	Deomali	220	19	1	19	Arunachal Pradesh

The Sub-committee noted as above

D. NEW ITEMS

D. 1 Outage of 132 KV P.K.Bari – Kumarghat line - TSECL

Tripura informed that due to construction of 132 KV P.K.Bari – Kumarghat line, Tripura is suffering badly as the NER connectivity remains only through 132 Kv R.C.Nagar – Kumarghat line. NERLDC were given instructions to backdown state generation to avoid overloading of 132 KV R.C.Nagar – Kumarghat line. Tripura felt that in such cases instant power routing through 132 KV Dharmanagar- Dullavcherra- Panchgram would have been avoided backing down of power. The outage time and the extension time are given below:

<u>Date</u>	<u>Outage Time</u>	<u>Extension Time upto Panchgram</u>
01.11.2010	01.12 hrs	09:57 hrs on 01.11.2010
03.11.2010	23:55 hrs	08:12 hrs on 03.11.2010

Sine no representative from Tripura the matter could not be discussed.

The Sub-committee noted as above.

D. 2 Generation Planning (ongoing and planned outages)

1. AS, NERPC informed that NHPC vide letter dated 20.10.2010 has intimated that due to unavoidable circumstances, the shutdown for Loktak Unit#1 was delayed. He stated that NHPC would intimate the final date for taking shutdown.

2. He also stated that NEEPCO vide letter dated 03.11.2010 has proposed to avail shutdown of DHEP Unit #I for 30 days from 15.11.2010 to 14.12.2010 and RHEP Unit #1 for 20 days from 01.12.2010 to 20.12.2010. Further NEEPCO vide letter dated 04.11.2010 has proposed to avail shutdown of AGBP GTG Unit #3 from 15.11.2010 instead of 06.11.2010 and also STG Unit #1 from 17.11.2010 to 22.11.2010, STG Unit #3 from 23.11.2010 to 28.11.2010 and STG Unit #2 from 29.11.2010 to 04.12.2010 for cleaning of Condenser tubes. They informed that during this period around 200 to 215 MW would be generated depending upon the availability of gas.

After discussion the Sub-committee has agreed to the proposal given by NHPC & NEEPCO.

D. 3 State-wise anticipated peak demand/requirement, shortage for November, December, 2010 & January, 2011.

The sub-Committee reviewed the anticipated “peak demand availability” and finalized the same for the months of November, December, 2010 & January, 2011.

November, 2010 December, 2010 January, 2011

S.No.	State	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)	Peak Demand (MW)	Peak Availability (MW)
1	Ar. Pradesh	100	95	90	85	95	90
2	Assam	1023	890	950	825	1000	850
3	Manipur	115	100	105	95	100	95
4	Meghalaya	300	270	260	220	290	260
5	Mizoram	75	55	65	55	70	55
6	Nagaland	110	95	100	90	105	90
7	Tripura	220	190	185	160	200	180
	Region	1943	1695	1755	1530	1860	1620

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

D. 4 Outage Planning Transmission elements

The Sub-committee **discussed and approved** the programme of transmission line outages for November/December, 2010 as proposed by PGCIL & TSECL. The same is enclosed at **Annexure D. 4.**

D. 5 Estimated Transmission Availability Certificate (TAC) for the month of October, 2010.

The Final TAC certified by NERPC for the month of September, 2010 has not yet been issued by NERPC as the same is yet to receive from PGCIL.

The Estimated Transmission/System Availability for the month of October, 2010 furnished by PGCIL is **99.0337 %** as per details at **Annexure D. 5 (Copy of the same is also available at NERPC website)**. NER constituents are requested to kindly give their comments and observations, if any, by 27th November, 2010 so that Final TAC for the month of October, 2010 can be issued.

The sub-Committee noted as above.

D. 6 Major grid disturbances in the previous month (October, 2010)

As intimated by NERLDC, there were no major grid disturbances during the month of October, 2010.

The Sub-Committee noted as above.

D. 7 Any other item

i). DGM, NERLDC informed that the latest Draft Operating Procedures for North Eastern Region has been prepared and the soft copy of the same was distributed to all the constituents who were present in the meeting. He requested all the constituents to study the procedures and give their comments before the next OCC meeting. If no comments are received from the constituents the draft procedures would be taken as final.

The sub-Committee noted as above.

ii). CM, PGCIL informed that 132/33 KV Nirjuli and Ziro S/S are frequently tripped and during the period from January, 2010 to October, 2010. Number of tripping recorded are 170 and 691 respectively. He informed that such frequent tripping will damage the transformers. He requested Arunachal Pradesh to rectify at the earliest.

Member Secretary stated that such a huge number of tripping will definitely damage the transformers and stated that once the transformers are damaged Arunachal Pradesh power supply will be the affected. He requested Arunachal Pradesh to look into the matter seriously as the same have been discussed and reminded them time and again. Arunachal Pradesh agreed to look into the matter and rectify at the earliest.

The sub-Committee noted as above.

D. 10 Date & Venue of next OCC meeting

It is proposed to hold the 57th OCC meeting of NERPC on 14th December, 2010 (Tuesday). The venue of meeting will be intimated in due course.

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

List of Participants in the 56th OCC meeting held on 09/11/2010

Sl. No	Name & Designation	Organization	Contact No. /e-mail ID
1.	Sh. W. Rehman, E.E, SLDC	Arunachal Pradesh	
2.	Sh. G. K. Das, CGM, LD&C	Assam	09435085129
3.	Sh. A.K. Saikia Sr. Mgr, LD&C	Assam	09864116176
4.	Sh Jatin Baishya, Sr. Mgr, LD&C	Assam	
5.	Sh. F.E. Kharshiing EE, SLDC,	Meghalaya	09863066960
6.	Sh. D.J. Lyngdoh, AEE, SLDC,	Meghalaya	09863063375
7.	No Representative	Mizoram	
8.	No Representative	Manipur	
9.	No Representative	Nagaland	
10.	No Representative	Tripura	
11.	Sh. N.R. Paul, DGM	NERLDC	09436302723
12.	Sh Anupam Kumar, AE.	NERLDC	09436335379
13.	Sh. P. Kanungo, CM	NERTS	09436302823
14.	Sh. Bhaskar Goswami, Sr. Mgr	NEEPCO	09436163983
15.	Sh. B.K. Jain, Member Secretary	NERPC	09436706436
16.	Sh. P.D. Siwal, S.E (O)	NERPC	09436998378
17.	Sh.B. Lyngkhoi, AS	NERPC	09436163419

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Shutdown Programme for the month of Dec, 2010
as approved in the 56th OCCM held on 09.11.2010 at
“NERTS Conference Hall”, Shillong.

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 main Bus at Badarpur S/S	17-11-10 (day time)	09:00 Hrs to 11:00 Hrs	Rectification of main Bus Jumpers	All feeders connected to Badarpur S/S
2	220KV Misa-Mariani T/L	30-11-10	08:00 Hrs to 17:00 Hrs	AMP & Rectification	220KV Misa-Mariani Ckt
3	400KV Balipara - Bongaigaon-II.	25-11-10 to 30-11-10 & 10-12-10 to 21-12-10 & 23-12-10 to 24-12-10	08:00 Hrs to 17:00 Hrs	Sifting of 1 No. 400KV Tower to a new location of tower with pile Foundation along with associated works using ERS at location 194.	400KV Balipara - Bongaigaon-II.
* 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
1	132KV Main Bus at Badarpur S/S	17-11-10 (day time)	09:00 Hrs to 11:00 Hrs	Emergency Replacement of Jumpers	All feeders connected to Badarpur S/S
2	220KV Mariani Ckt 1 Bay (Misa) & Misa bay (Mariani)	30-11-10	08:00 Hrs to 17:00 Hrs	AMP/ rectification of Bay Jumpers	220KV Mariani Ckt 1 feeder and respective bays

S/D PROGRAM FOR NEEPCO	
Name of Station	Date
DHEP-U#1	15-11-10 to 14-12-10
RHEP-U#1	01-12-10 to 20-12-10
AGBP- GTG#3	w.e.f 15-11-10
AGBP- STG#1	17-11-10 to 22-11-10
AGBP- STG#3	23-11-10 to 28-11-10
AGBP- STG#2	29-11-10 to 04-12-10

S/D PROGRAM FOR TSECL TRANSMISSION LINES & ITS ASSOCIATED BAYS:				
Name of Elements	Date	Time	Purpose	Areas / Feeders Affected
132 KV PK Bari-Dharmanagar	26-11-10 to 10-12-10	Day Time	Renovation/ New Breaker Installation	