



भारत सरकार Government of India

शक्ति विभाग Ministry of Power

उत्तर पूर्वी क्षेत्रीय शक्ति आयोग

North Eastern Regional Power Committee

मेघालय राज्य आवास वित्त सहकारी समाज लि. भवन

Meghalaya State Housing Finance Co-Operative Society Ltd. Building

नंग्रिम हिल्स, शिल्लोंग - 793003

Nongrim Hills, Shillong - 793003.

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No.: NERPC/COM/CC_Min/2010/ 2261-97

Dated: 3rd December 2010

To

1. Member (Tech), Assam State Electricity Board, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
2. Member (Tech), MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
3. Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Khatla, Aizawl - 796 001
4. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
5. Chief Engineer (EE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
6. Chief Engineer (P&E), Department of Power, Govt. of Nagaland, Kohima - 797 001
7. Chief Engineer (P), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
8. General Manager, TSECL, Agartala - 799 001
9. General Manager, NERLDC, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
10. ED (O&M), NERTS, PGCIL, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
11. GM (LD&C), PGCIL, "Saudamini" Plot No. 2, Sector - 29, Gurgaon, Haryana - 122 001
12. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
13. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
14. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
15. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
16. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066
17. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-110033
18. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
19. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066

Sub: Minutes of the 14th CC meeting held on 12/11/2010 at Circuit House, Tawang, Arunachal Pradesh.

Sir,

Please find enclosed herewith the minutes of 14th Commercial Committee Meeting held at Circuit House, Tawang, Arunachal Pradesh on 14th November, 2010 for your kind information and further necessary action please.

Encl.: As above

आपका / Yours faithfully,

(**P. D. Siwal**)

I/C 02040000 / Member Secretary

Copy to:

1. SA to Member(GO&D), CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066
2. Chief Engineer, AEGCL, Bijuli Bhawan, Guwahati - 781001
3. Chief Engineer, APGCL, Bijuli Bhawan, Guwahati - 781001
4. MD, CA DISCOM, Bijuli Bhawan, Guwahati - 781001
5. MD, UA DISCOM, Bijuli Bhawan, Guwahati - 781001
6. MD, LA DISCOM, Bijuli Bhawan, Guwahati - 781001
7. Chief General Manager, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
8. S.E. (Trans. & Dist), MeSEB Lumjingshai, Short Round Road, Shillong - 793 001
9. Head of SLDC, MeSEB, Lumjingshai, Short Round Road, Shillong - 793 001
10. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
11. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima - 797 001
12. Head of SLDC, Department of Power, Dimapur, Nagaland
13. A.C.E. (Power-I), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
14. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
15. S.E. (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl - 796 001
16. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl - 796 001
17. Head of SLDC, TSECL, Agartala - 799 001
18. Chief Engineer, Loktak HEP, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur - 795 124

North Eastern Regional Power Committee

Minutes of the 14th Commercial Committee Meeting

Date: 12/11/2010

Venue: Circuit House, Tawang

The 14th Commercial Committee meeting of the NERPC was held at Circuit House, Tawang on 12.11.2010. The list of participants is given at **Annexure-I.**

Shri Kenery, SE, Arunachal Pradesh welcomed all the participants of 14th Commercial Committee Meeting and informed the members that Shri J.Tato, CE could not attend the meeting due to some important meeting with officials from Ministry of Power, Govt. of Arunachal Pradesh. He expressed his concern about the extreme weather condition in Tawang and wished a comfortable stay to all the members.

Lighting of lamp ceremony was held and the following members lighted the lamps: -

- 1) Shri B.K.Jain, Member Secretary, NERPC.
- 2) Shri A.K.Mishra, SE (Comml), NERPC.
- 3) Shri A.Patir, AGM (Comml), NERTS, POWERGRID.
- 4) Shri R.Sutradhar, CM, NERLDC, POSOCO.
- 5) Shri Hemang, SE, Arunachal Pradesh.
- 6) Shri Kenery, SE, Arunachal Pradesh.

Shri Kenery, SE, Arunachal Pradesh then requested Member Secretary, NERPC to conduct the meeting.

Shri B.K.Jain, Member Secretary welcomed all the participants of 14th Commercial Committee Meeting and thanked Department of Power, Govt. of Arunachal Pradesh for hosting the meeting and arranging a comfortable stay. He requested all the delegates to participate actively in the meeting so that issues are resolved and the meeting may be successful. He then requested Shri A.K.Mishra, SE (Comml) NERPC to take up the agenda items.

Then the agenda items were taken up.

1. Confirmation of the minutes of 13th CC Meeting held on 14th July, 2010

Minutes of the 13th CC Meeting held at Shillong on the 14th July 2010 were circulated, vide no. NERPC/COM/CC_Min/2010/2045-81 dated 20th July 2010. One comment from NERLDC has been received against 'Item No.9.1.1 (b) Non-Availability of CTU Network' as reproduced below:-

"NERLDC in its presentation covered the issue of backing down of ISGS in NER on 28th June 2010 due to transmission constraints beyond NER. Relevant portion of the same is enclosed at *Annexure - 1.1*. Members could understand and appreciate the reasons of such breakdown which are rare in nature. ASEB representative stated that NER being connected with NEW Grid via other regions like ER, any outage in intervening regions would impact it and hence requested POWERGRID to take all possible measures to take care of the interest of NER".

The Minutes of the 13th CCM were confirmed with above modification.

2. Presentation by NERLDC on commercial issues of 2010-11.

NERLDC gave a presentation highlighting the “**Comparison of Grid Performance 2009-10 & 2010-11 (April to September)**” and “**Point of connection tariff - update**”. A copy of the presentation is at **Annexure-2**.

3. Agenda items from Tripura.

3.1 Enhancement of LC amount to ` 107.59 Lakhs by Govt. of Manipur in favour of TSECL

Tripura Electricity Regulatory Commission has allowed increase in tariff @ Rs.1.07/Kwh, w.e.f June, 2010. Presently Manipur have LC amounting to ` 65.21 Lakhs. After increase of tariff, on account of FPPCA the LC amount needs to be enhanced to ` 107.59 Lakhs. In spite of repeated request from Tripura, Manipur have not increase the LC of ` 107.59 lakhs yet. Presently as on today, Manipur has an outstanding amount of ` **1,47,47,447.91**. TSECL already served a notice to Manipur with a copy to the Member Secretary, NERPC, Shillong for regulation of power.

It was informed during the meeting that Govt. of Manipur has cleared some of the outstanding amount to TSECL. Members expressed their concern for regulation of power to Manipur and advised TSECL to pursue the matter with Secretary (Power), Govt. of Manipur so that regulation of power may be prevented.

Member Secretary, NERPC advised TSECL to resolve the issue bilaterally with Govt. of Manipur to prevent regulation of power and if required, regulation of power may be done as per the procedure laid down in IEGC with prior notice to the concerned state.

3.2 No revision in final implemented schedule

TSECL informed the members that Final Implemented Schedule is shown in the website of NERLDC around 5PM every day. When there are revisions in the final implemented schedule, it affects the constituents states commercially and requested NERLDC that “0 (Zero) revision in respect of entitlement should be implemented in the final implemented schedule”.

CM, NERLDC agreed to examine the issue and requested TSECL to intimate the details of problems faced by them to NERLDC.

4. Agenda items from NEEPCO.

4.1 Review of Letter of Credit (LC) – Assam Power Distribution Company Ltd (APDCL) and Meghalaya Energy Corporation Ltd (MeECL):

Beneficiary	Present LC status	TPA and Tariff regulations requirements	Modification of LC & NEEPCO's requirements
APDCL	Irrevocable stand-by LC (revolving four times a month) amounting to ` 8.45 crore maintained with SBI, New Guwahati Branch with validity up to 24.06.2011. However, no weekly payment against the energy bills raised by NEEPCO is released by APDCCL through the aforesaid LC. Moreover, periodical review & revision of LC amount is not done.	<p>As per the provisions for payment of current dues of the Tripartite Agreement, APDCL is required to open & maintain irrevocable LC for an amount equal to 105 percent of their average monthly billing for the preceding 12 months.</p> <p>As per clause 34 (Chapter -5) of the Tariff Regulations, 2009, for payment of bills of the generating company through letter of credit on presentation, a rebate of 2% shall be allowed. Where payments are made other than through letter of credit within a period of one month of presentation of bills by the generating company, a rebate of 1% shall be allowed.</p> <p>Moreover, Central Electricity Regulatory Commission (Regulation of Power Supply) Regulations, 2010 states for regulation of power supply in case of non-payment of outstanding dues or non maintenance of Letter of Credit or any other agreed Payment Security Mechanism.</p>	<p>APDCL to open & maintain irrevocable LC of requisite amount as per the terms of the TPA and CERC Tariff Regulations for settlement of our monthly energy bills. Based on the average billing during Apr'09 to Mar'10 and impact of gas rate enhancement with effect from Jun'10, LC to be opened for an amount of ` 43.74 crore.</p> <p>NEEPCO requested APDCL vide letter no. NEEPCO/ED (Comml)/Fin-39/2010-11/2729 dated 17th June, 2010 and NEEPCO/Comml./F-17/2010-11/ Date 25.10. 2010 for opening & maintaining of irrevocable LC with enhancement of amount for settling of monthly energy bills immediately on presentation in terms of tariff regulations, 2009 and TPA. But no confirmation received till date.</p>

MeECL	LC amounting to ₹ 5.00 crore maintained with Axis Bank, Shillong with validity upto 10/12/2009. However, payment of monthly energy bills are not received immediately on presentation. Payment is delayed by the banker till the same is cleared by MeECL. Moreover, periodical review & revision of LC amount not done.	Same as above for APDCL	NEEPCO requested MeECL vide letter no. NEEPCO/ED (Comm1)/Fin-39/2010-11/2736 dated 17 th June, 2010 to open & maintain irrevocable LC for an amount of ₹ 8.11 crore based on average monthly billing from Apr'09 to Mar'10 so that claims against energy bills can be settled immediately on presentation of the same to the banker. But no confirmation received till date.
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NEEPCO informed the members that even though APDCL has opened LC during 2002, part payment is done for payment of monthly bills raised by NEEPCO. Regular monthly LCs are required to be opened by APDCL and MeECL for ₹ 43.74 crore and ₹ 8.11 crore respectively for payment of NEEPCO bills.

MeECL informed the members that Axis bank has been intimated to increase the LC amount but due to insufficient security, the Bank is unable to enhance the LC amount.

Member Secretary, NERPC advised NEEPCO representatives to approach the officers of APDCL and MeECL at appropriate level so that the LC requirement may be settled bilaterally.

4.2 Receivable from MeECL on sale of energy – long outstanding dues:

As per records, out of the total receivable amounting to ₹ 58.86 crore due from MeECL as on 30.09.2010 (excluding energy bills for the month September'10 raised on 12.10.2010) for sale of energy, dues outstanding for 60 days and more are as follows:

- Dues outstanding 60 to 74 days : ₹ 0.88 crore
 - Dues outstanding 75 to 89 days : ₹ 9.46 crore
 - Dues outstanding 90 days & more: ₹ 24.69 crore
- TOTAL : ₹ 35.03 crore

M/s MeECL is failing continuously to liquidate their outstanding dues. In fact, old outstanding dues against sale of energy are increasing every day. Under the circumstances, NEEPCO have no other option but to regulate power and/or to approach Ministry of Power, GOI for recovery of the outstanding dues through Central Plan Assistance as provided under Tripartite Agreement.

NEEPCO representative informed the members that MeECL is making a payment on monthly basis of amount less than 50% of the bill raised by NEEPCO. Considering the present status of payment, the outstanding of MeECL may reach ₹ 45 crores by end of December 2010. They requested MeECL to clear the outstanding dues at the earliest and start monthly payment of bills raised by NEEPCO.

All beneficiaries were requested to clear the outstanding dues at the earliest and start regular monthly payment of the bills raised by NEEPCO so that NEEPCO may clear the payments with the gas companies.

4.3 Modification of Design Energy of hydro Electric Plants for calculation of ECR as per CERC (Terms and Conditions of Tariff) Regulations 2009.

As per agenda 5.2 of 13th CC meeting of NERPC regarding Modification of Design Energy of hydro Electric Plants for calculation of ECR as per CERC (Terms and Conditions of Tariff) Regulations 2009 due to actual energy generated by the hydro plants being less than the design energy. As advised by the 13th CC meeting, the matter was referred to CERC. CERC informed that they would not issue any guidelines on the subject and instead they suggested to act as per provisions of the Regulations. Accordingly, the calculations of Energy Charge would be made considering the revised Design Energy in terms of the relevant provisions of Tariff Regulations, 2009 for the following plants, which are in commercial operation for less than ten years as on 31. 03.2010.

- 1) Doyang HE Plant.
- 2) Ranganadi HE Plant.
- 3) Kopili Stage II HE Plant.

The above mentioned ECR based on revised Design Energy will be applicable from 1st April, 2010.

After deliberation, it was agreed that NEEPCO shall submit detailed calculation for ECR as per regulations and justifications for the reasons which are beyond their control for shortfall in actual energy generated being below the design energy to NERPC Secretariat. Representatives from Tripura and Assam may verify the claim of NEEPCO from logbooks of Hydro Stations.

5. Agenda items from POWERGRID.

5.1 Total Outstanding of POWERGRID's NER beneficiaries:

Outstanding status as on 31st October 2010

(in Lakhs)			
Sl. No.	Beneficiary	Total outstanding beyond 60 days	Total Outstanding
1	Arunachal Pradesh	220.12	515.93
2	Assam	2270.61	2422.92
3	Manipur	1636.70	1689.66
4	MeECL	966.50	985.29
5	Mizoram	444.53	446.21
6	Nagaland	567.46	589.51
7	Tripura	508.62	508.62
8	SUM TOTAL	6614.54	7158.51

Constituents are requested to expedite payment of dues to avoid surcharge / power regulation.

Arunachal Pradesh – agreed to clear by December 2010.

MeECL – agreed to pursue with appropriate authorities accordingly.

TSECL – agreed to clear the outstanding amount excluding Income Tax within this month.

NERTS, PGCIL was advised to pursue with beneficiaries who were not present in the meeting.

5.2 Declaration of Final Tariff for Kopili Extension transmission Project by CERC for 2009-14 block:

The Tariff for Kopili Extension Transmission Project for 2009-14 block has been declared by CERC vide order dated 22.09.2010 in Petition No: 110/2010. The Billing for the monthly Transmission Charges to the constituents from November 2010 will be done based on the Final Tariff of the above mentioned Project as declared by CERC. Arrear bills for the Project will also be raised during the month of November'10.

Members noted as above.

5.3 Element wise present status of Missing Link Project (for information only):

- 220/132 kV, 160MVA Autotransformer at Kopili substation has been declared under Commercial operation from 1st February 2010 as decided in the 9th TCC and NERPC Meeting held at Shillong on 11 & 12th August 2010.
- The 132kV S/C Kopili – Khandong Transmission Line has been successfully test charged on 14th October 2010 (using one ERS structure) and is declared under commercial operation from 1st November 2010.
- The tentative schedule for declaration of Commercial Operation of the 220/132 kV, 100MVA ICT at Dimapur Substation under Missing Link Transmission Project is 1st December 2010.
- The tentative schedule for declaration of Commercial Operation of the 132 kV, S/C Dimapur-Kohima LILO Transmission Line under Missing Link Transmission Project is 1st January 2011.

Members noted as above.

6. Agenda items from NERLDC.

6.1 UI outstanding:

Status of UI outstanding as on 11.10.2010 is attached (*Annexure – 6.1*). Meghalaya and Nagaland are the largest defaulters with outstanding of `11.56 Crores and `16.00 Crores respectively. Such payment default is creating serious constraint in timely settlement of UI pool account.

CM, NERLDC informed the members that a notice has been issued by CERC to Meghalaya, Mizoram and Nagaland where month wise schedule for payment of the outstanding is to be submitted to CERC. Mizoram has already cleared the outstanding and notice has been withdrawn. He requested other beneficiaries to clear the outstanding at the earliest.

Constituents agreed to clear the outstanding at the earliest.

6.2 Erroneous energy reading against 11kV Bordumsa feeder between Assam & AP

Assam Power Distribution Company Ltd. vide letter dated 4.10.2010 have requested revision of energy accounting for the period from August, 2008 to July, 2010 on account of erroneous submission of monthly energy by ASEB against 11kV Bordumsa – Ketengong (Digboi) feeder.

Revision of weekly UI-account for such a prolonged period is not a pragmatic proposition and it involves large computation and retrospective billing, settlement etc. Rather, the issue may be settled bilaterally between Assam and Ar. Pradesh wherein Assam can bill Ar. Pradesh at a mutually agreed rate for the energy quantum wheeled to Ar. Pradesh but not accounted.

After deliberation, it was agreed that APDCL and Arunachal Pradesh may settle the issue of meter reading i.e, energy supplied by Assam to Arunachal Pradesh and Arunachal Pradesh to Assam on 11 KV feeders bilaterally and intimate NERPC Secretariat the settled weekly energy account for the period in question i.e, May 2008 to July 2010. NERPC Secretariat shall evolve a suitable mechanism to settle the billing issue between Assam and Arunachal Pradesh without revision of UI account for the period.

6.3 Non-submission of weekly SEM readings by Tuesday noon

As per IEGC (effective from 3.5.2010) Sub-clause-22 of Clause-6.4 (demarcation of responsibilities), all concerned utilities in whose premises SEMs are installed shall take weekly meter readings and transmit the same to RLDC by Tuesday noon for timely issuance of UI-account.

However, readings are not being received in time from most of the locations in NER.
General trend of receipt of readings is as below:

By Tuesday: R.C.Nagar, Kopili & Khandong (NEEPCO), Haflong & Imphal (PG) Loktak (NHPC), Kahelipara & Sarusajai (Assam)

By Wednesday: Misa, Badarpur, Khliehriat, Dimapur (PG), Kathalguri (NEEPCO), Bokajan (Assam)

By Thursday and later: Bongaigaon, Salakati, Balipara, Nirjuli, Jiribam, Ziro Kumarghat, & Aizawl (PG), Gohpur, Mariani, Golaghat Samaguri, Pailapool, Dullavcherra (Assam), Umtru, Lumshnong (MeECL), Doyang & Ranganadi (NEEPCO), 79-tilla, P.K.Bari & Dharmanagar (TSECL)

Processed SEM data is forwarded to RPC secretariat by RLDC by each Thursday noon for the seven days period ending on the previous Sunday mid-night. **Non-submission of weekly SEM reading to NERLDC as per stipulation is a violation of IEGC provision.** Transmittal of weekly reading to RLDC by Tuesday must be ensured by all utilities.

Members agreed to pursue the issue with their concerned officers who are responsible for collection and transmission of metered data to NERLDC to ensure timely submission of metered data.

6.4 Requirement of SEMs & DCDs for NER up to 2013-14

Requirement of SEMs and DCDs pertaining to NER up to 2013-14 is attached (*Annexure-6.4*). Assessment of SEMs & DCDs have been done based on records of approved / ongoing generating projects, transmission projects, Sub-stations and up-gradation of transformation capacities (ICTs) in N.E.Region. The final requirements of SEMs and DCDs may vary depending upon the actual position. Procurement may be planned in phased manner depending on commissioning schedule of new projects.

Members noted the same and agreed to intimate to NERLDC the future requirements of DCDs.

6.5 One day workshop on Metering

It is desirable to have a one day workshop covering various issues of metering, data collection, automatic data collection, emerging trends in metering etc to brush-up the knowhow of NER constituents and upgrade them to the current trends. NERTS, POWERGRID may take initiative to organize the workshop involving meter manufacturers like L&T, Secure Meters etc.

Members agreed that such workshop is very essential for concerned officers from various organizations. It was agreed that NERTS will organize the workshop and intimate the date and venue to NERPC and all the beneficiaries.

6.6 Registration fee for users of NERLDC

As per clause 24 of CERC (Fees and charges of Regional Load Despatch Centre and other related matters) Regulations 2009 issued vide notification dated 18.09.2009;

QUOTE

Registration fees. - (1) All users whose scheduling, metering and energy accounting is to be coordinated by Regional Load Despatch Centre shall register themselves with the Regional Load Despatch Centre concerned by filing application in the format prescribed as **Appendix-IV** to the regulations.

(2) The application for registration shall be accompanied by a one time fees of ` 10 lakh.

(3) The existing users shall register themselves with the Regional Load Despatch Centre concerned by filing an application along with the fees of ` 10 lakh within a month of coming into force of these regulations.

UNQUOTE

In NER, there are 16 users comprising of seven States, eight ISGS generating Stations (seven Power Stations of NEEPCO and one Station of NHPC) and POWERGRID.

Till date Assam, Meghalaya, Manipur, Tripura, Mizoram, NHPC, NEEPCO and POWERGRID got themselves registered. **Ar. Pradesh and Nagaland are yet to get themselves registered by paying onetime fee of ` 10 lakhs.**

Arunachal Pradesh agreed to register by December 2010. Nagaland was not represented. NERLDC was advised to pursue with Nagaland.

7. Agenda items from NERPC.

7.1 Auditing of UI Account and Reactive Pool Account:

As per the IEGC dated 28th April 2010, the RLDC shall table the complete statement of the regional UI account and the regional Reactive Energy pool account in the RPC's Commercial Committee meeting, on a quarterly basis, for audit by the latter.

A copy of the accounts was circulated to all the members and observations, if any, may be sent within 2 weeks. If no observation is received, the accounts will be taken as final.

7.2 Issues related to Special Energy Meters:

NERLDC has informed that changing of CTs, shifting of SEMs etc are being done without intimation to NERLDC/ NERPC. Such activity without intimation to NERLDC/ NERPC can result in serious problem in data computation which may affect energy accounting as well as settlement system. Proper information may be intimated to NERLDC/ NERPC whenever such activities related to metering issues are carried out.

Members noted and agreed.

8. Any other item with permission of the Chair

- ***Member Secretary, NERPC informed the members that Power System Development Fund (PSDF) is available for system improvement schemes as provided in regulations. States may prepare schemes and submit to NERPC Secretariat for funding from PSDF.***

9. Date & venue for the next CC meeting.

It was agreed that the next Commercial Committee Meeting would be held in the second week of February 2011 and will be hosted by TSECL. Exact date and venue will be intimated in due course.


Member Secretary, NERPC thanked all the members for an effective participation in the meeting and also thanked the Dept. of Power, Govt. of Arunachal Pradesh for hosting the meeting.

The meeting ended with vote of thanks to the Chair

List of participants in the 14th Commercial Committee meeting of the NERPC

SN	NAME OF PARTICIPANT	DESIGNATION
ARUNACHAL PRADESH		
1	B. S. Kaneri	SE (E)
2	Tasso Hinda	SE (E)
3	W. Rehman	EE (E)
4	Md. Mateen	EE (E)
ASSAM		
	Not represented	
MANIPUR		
	Not represented	
MEGHALAYA		
1	A. Kharpan	SE (SLDC)
2	F. E. Kharshiing	EE (SLDC)
3	S. S. Kharmih	EE (SM)
MIZORAM		
	Not represented	
NAGALAND		
	Not represented	
TRIPURA		
1	Arup Gan Chaudhuri	DGM (T&C)
2	Debabrata Pal	Sr. Manager (Com)
NEEPCO		
1	P. C. Barman	DGM (E/M)
2	Rana Bose	Sr. Manager (Fin)
NERLDC		
1	R. Sutradhar	Chief Manager (Comml & OS)
NERTS (PGCIL)		
1	Ajoy Patir	A.G.M
NHPC		
	Not represented	
Trading Companies		
	Not represented	
NERPC		
1	B .K. Jain	Member Secretary
2	A. K. Mishra	SE (Commercial)
3	Lalrinsanga	EE (Commercial)
4	S. M. Aimol	A.E.E

Annexure – 1.1



ISGS backing down in NER on 28th Jun'10 due to transmission Constraints

NERLDC, Shillong



NER-ER Transmission Constraint

contd...

- 3 of the 4 Ckts of 400Kv Binaguri – Purnea on ERS since 13th Apr'10 due to heavy storm inflicted trippings and tower collapse. Due to tower collapse (13th Apr'10), Ckt-II under outage since 18th Apr'10 citing technical reasons for not operating all 4 ckts on ERS.
- Ckt I, III & IV in service (operational limits being 500 MW, 700 MW & 700 MW respectively).
- On 28th Jun'10; 0339 hrs – ckt-IV tripped on phase-to-phase fault causing overloading of Ckt-I & III.
- With Ckt-I & III carrying 781 MW each and NER injection being 170 MW against drawal schedule of 24 MW. ERLDC instructed NERLDC to maintain IR schedule vide message dated 28.06.2010; 0405 hrs.
- Constraints removed progressively from 1715 hrs onwards.

Annexure – 1.1**ISGS backing down in NER**

Details of backing down of NER ISGS are given below:

	RHEP	Loktak	Khandong	Kopili	Kopili-2	DHEP	AGBPP	AGTPP
DC MU	9.624	2.280	0.576	2.964	0.576	1.488	4.820	1.808
Adj Sch MU	9.610	1.988	0.580	2.840	0.584	1.518		
Rev Sch MU	9.292	1.114	0.522	0.531	0.577	0.526	3.083	1.794
Backing MU	0.318	0.874	0.058	2.309	0.007	0.992	1.737	0.014
Avail MW	401	95	24	148	24	62	200	75 - 78
Rev Sch MW	350	15,35,53	0	0,50,99	18	15,0,45	60,65	74

ISGS backing down due to transmission constraint

- Such instances are very rare
- Has to be dealt with appropriately depending on the situation
- Backing down of thermal during monsoon and backing down of storage hydro during non-monsoon

Annexure – 2



**Presentation in 14th Commercial
Committee meeting of NER at
Tawang,**

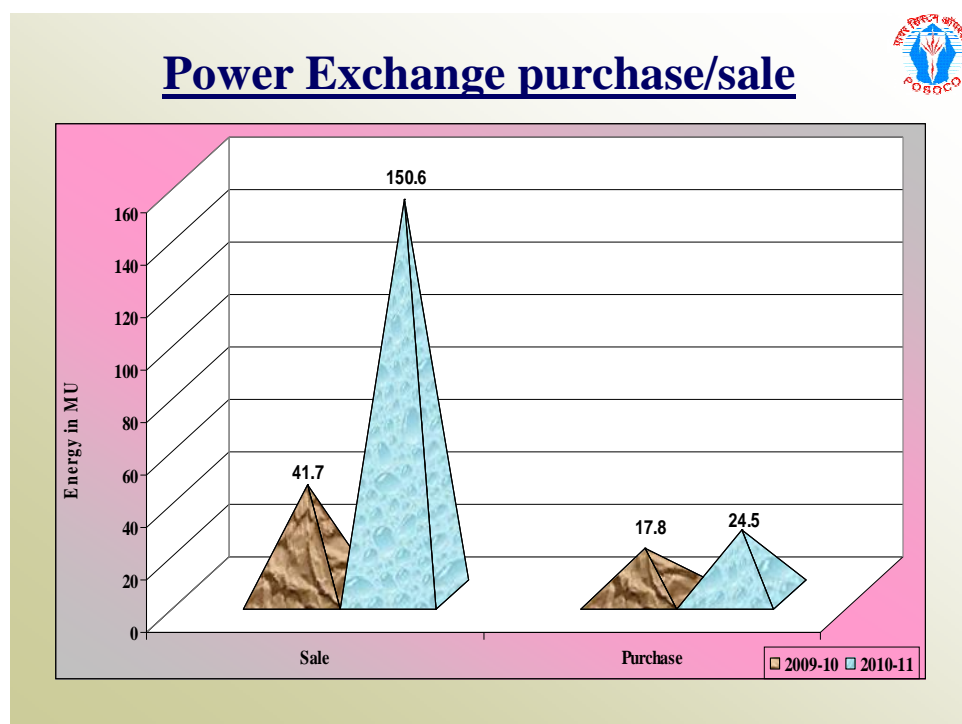
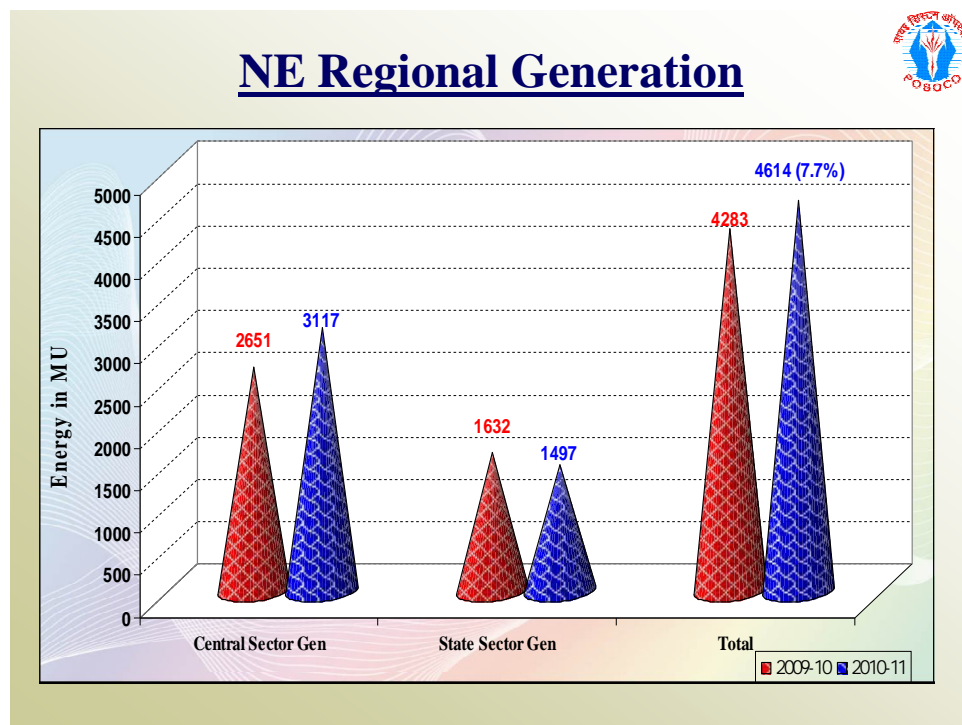
NERLDC, POSOCO

12th November, 2010



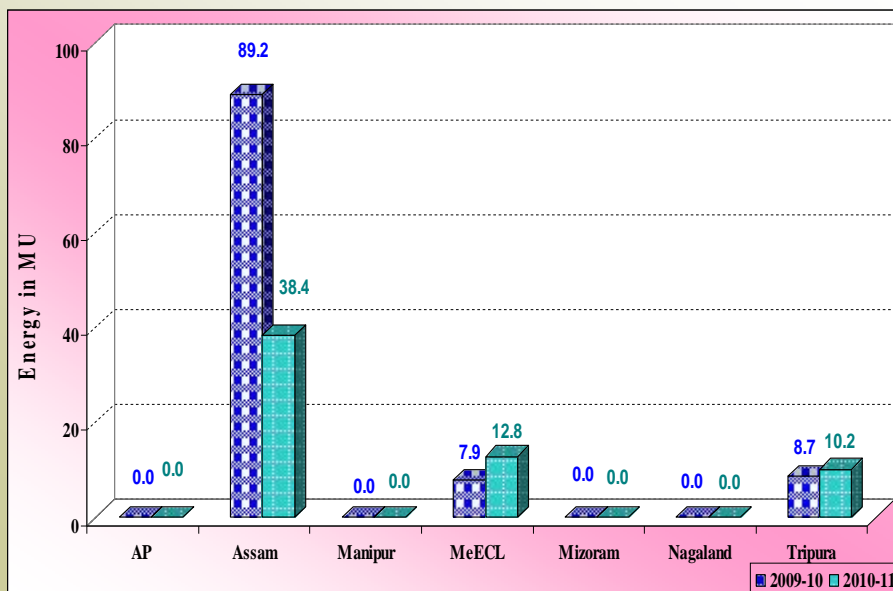
**Comparison of Grid performance
2009-10
&
2010-11
(April to September)**

Annexure – 2

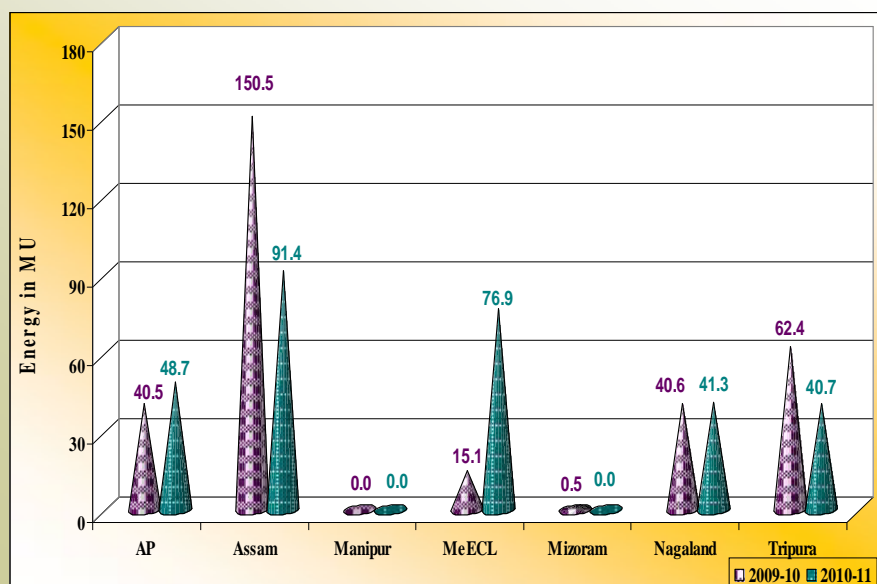


Annexure – 2

Purchase through STOA by constituents



Sale through STOA by constituents



Annexure – 2**Power System Development Fund**

☞ CERC Regulation

☞ CERC order on Reactive account fund☞ PSDF Managing Committee – minutes of first meeting**Amount transferred to PSDF from NER**

<u>A. Additional UI</u>	
I. Total Additional UI charges billed since beg	140567367
II. Total Additional UI charges realized	131301558
<u>B. Pool differential</u>	
I. Total differential amount since beginning	331984102
II. Total differential amount realized	331176443
<u>C. Summary of Balance amount (A+B)</u>	
I. Total Balance amount as per REA	472551469
II. Total balance amt. realized	462478001
III. Balance amount disbursed to constituents	271082564 *
IV. Disbursed to WRLDC for Power Tracing	2980931 @
V. Balance amount available in Bank	188414505 (II - III - IV)
Actual amount available in Bank	200659837
Actual amount includes bank interest of	12245332
<u>Amount transferred to PSDF Account</u>	<u>200659837 /-</u>

Annexure – 2**UI outstanding latest****As on 02.11.10****Amount in Lakhs**

NAME OF UTILITY	CUMULATIVE RECEIVABLE UPTO W-29 of FY 10-11 (i.e. upto 17.10.10)	CUMULATIVE PAYABLE UPTO W-29 of FY 10-11 (i.e. upto 17.10.10)	UI AMOUNT RECEIVED FROM THE POOL (by NER const. till W-19 (part) & by ER till Wk-06 (full) of 10-11)	UI SURPLUS AMOUNT RECEIVED FROM POOL	TOTAL AMOUNT RECEIVED FROM POOL INCLUDING DIFFERENTIAL	UI AMOUNT PAID TO THE POOL	Additional UI Charge payable to pool from Week-01 of 2009 10 till Wk-29 of 2010-11 (upto 17.10.10)	ADDITIONAL UI CHARGE PAID TO POOL	BALANCE UI INCL. ADDITIONAL UI CHARGE PAYABLE TO POOL	BALANCE UI RECEIVABLE FROM POOL AFTER SETTLEMENT OF DIFFERENTIAL
	(1)	(2)	(3)	(4)	(5)=(3)+(4)	(6)	(7)	(8)	9=(2+7-6-8)	10 = (1 - 5)
AP	1189.06624	37.89959	873.56508	315.5012	1189.06624	37.89959	146.22472	146.79968	-0.5750	0.00000
ASSAM	5459.94370	61.96988	4316.15426	1143.7894	5459.94370	62.60958	372.01650	380.40974	-9.0329	0.00000
MANIPUR	2600.84476	190.23930	2096.66760	504.1772	2600.84476	190.24520	89.94112	89.41359	0.5216	0.00000
MEGHALAYA	799.71958	2024.23757	659.34086	0.0000	659.34086	1065.47435	160.25133	149.65343	969.3611	140.37872
MIZORAM	591.83050	429.50216	557.92351	33.9070	591.83050	429.50216	95.65901	95.69321	-0.0342	0.00000
NAGALAND	176.17567	1509.32660	61.62832	0.0000	61.62832	48.70851	320.97018	227.92166	1553.6666	114.54734
TRIPURA	1638.30513	66.91341	1498.64988	139.6553	1638.30513	66.91341	166.59510	169.10680	-2.5117	0.00000
NHPC	292.84290	0.12482	264.77158	28.0713	292.84290	0.12482	0.00000	0.00000	0.00000	0.00000
NEEPCO	1275.98025	135.94028	1158.48033	117.4999	1275.98025	135.52246	54.01573	54.01747	0.41607	0.00000
ER	-0.8069	10185.64159	0.00000	0.0000	0.00000	10100.8128	0.00000	0.0000	84.82875	-0.80692
Pool Differential	617.89339	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	2282.6013
TOTAL	14641.7952	14641.7952	11487.1814	2282.6013	13769.7827	12137.8129	1405.6737	1313.0156	2596.6404	2536.7204
UI Billed:	2003-04	7037.755	Lacs.	2004-05	21942.294	Lacs.	2005-06	14511.463	Lacs.	
	2006-07	21623.292	Lacs.	2007-08	49485.132	Lacs.	2008-09	51278.893	Lacs.	
	2009-10	25101.930	Lacs.							

Outstanding Reactive Charges payable to pool**As on 02.11.10****Amount in Rupees**

State	Principal	Net Interest	Total
Ar. Pradesh	561817	94135	655952
Assam	0	10752152	10752152
Manipur	17204	5004	22209
Meghalaya	249823	103707	353530
Mizoram	19959	4404	24363
Nagaland	1705125	541186	2246311
Tripura	0	14278	14278
Total	2553928	11514867	14068795



Point of Connection Tariff

update

Point of Connection tariff - update

Data collection completed for NER

- ▲ Collection of network data for load flow study.
- ▲ Collection of forecasted injection / withdrawal data of seven seasons.
- ▲ NERLDC representative visited all NER States.
- ▲ Data finalised and got signed by all DICs
- ▲ Co-operation of DICs are appreciated

Annexure – 2

Point of Connection tariff - update

Preparation of load flow base cases :

- ☞ Preparation of base cases is being done at NERLDC for all the seven cases peak and other than peak.
- ☞ Base cases will be finalised and frozen shortly. DICs will also be involved.



Thank You

Annexure – 6.1**NERLDC, SHILLONG
UNSCHEDULED INTERCHANGE STATUS AS ON****11.10.10***Amount in Lakhs*

NAME OF UTILITY	CUMULATIVE RECEIVABLE UPTO W-26 of FY 10-11(i.e. upto 26.09.10)	CUMULATIVE PAYABLE UPTO W-26 of FY 10-11 (i.e. upto 26.09.10)	UI AMOUNT RECEIVED FROM THE POOL (by NER const. till W-19 (part) & by ER till Wk-06(full) of 10-11)	UI SURPLUS AMOUNT RECEIVED FROM POOL	TOTAL AMOUNT RECEIVED FROM POOL INCLUDING DIFFERENTIAL	UI AMOUNT PAID TO THE POOL	Additional UI Charge payable to pool from Week-01 of 2009 till Wk-26 of 2010-11 (upto 26.09.10)	ADDITIONAL UI CHARGE PAID TO POOL	BALANCE UI INCL. ADDITIONAL UI CHARGE PAYABLE TO POOL	BALANCE UI RECEIVABLE FROM POOL AFTER SETTLEMENT OF DIFFERENTIAL
	(1)	(2)	(3)	(4)	(5)=(3)+(4)	(6)	(7)	(8)	9=(2+7-6-8)	10 = (1 - 5)
AP	992.54301	37.89959	680.55561	247.4936	928.04925	37.89959	147.24547	146.79968	0.4458	64.49376
ASSAM	4684.62891	61.96988	3677.08971	840.1279	4517.21763	62.60958	380.40974	380.40974	-0.6397	167.41128
MANIPUR	2273.71594	190.23930	1568.66735	515.9622	2084.62952	190.24520	89.94112	89.41359	0.5216	189.08642
MEGHALAYA	695.86016	2024.23757	491.34636	0.0000	491.34636	882.88437	164.32659	149.65343	1156.0264	204.51380
MIZORAM	576.36324	429.30492	479.51947	0.0000	479.51947	429.30492	95.69321	95.69321	0.0000	96.84377
NAGALAND	78.10125	1515.06850	14.11228	0.0000	14.11228	14.11228	327.33249	227.92166	1600.3671	63.98897
TRIPURA	1528.96302	66.91341	1414.15572	114.8073	1528.96302	66.91341	169.10680	169.10680	0.0000	0.00000
NHPC	269.47175	0.12482	229.29630	40.1754	269.47175	0.00000	0.00000	0.00000	0.12482	0.00000
NEEPCO	1199.10030	119.96040	985.13176	213.9685	1199.10030	119.95583	54.01747	54.01747	0.00457	0.00000
ER	-0.8069	8462.03906	0.00000	0.0000	0.00000	8378.5043	0.00000	0.0000	83.53475	-0.80692
Pool Differential	609.81680	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1972.5350
TOTAL	12907.7575	12907.7575	9539.8746	1972.5350	11512.4096	10182.4295	1428.0729	1313.0156	2840.3853	2758.0661
UI Billed:										
2003-04	7037.755	Lacs.		2004-05	21942.294	Lacs.	2005-06	14511.463	Lacs.	
2006-07	21623.292	Lacs.		2007-08	49485.132	Lacs.	2008-09	51278.893	Lacs.	
2009-10	25101.930	Lacs.								

Note:- 1. UI Payable and UI Receivable by each utility as on 28.03.10 have been used as opening balance of current FY 2010-11.

Col. 1 & 2 show opening balance plus UI payable/receivable till date. The statement includes ER settlement since Wk-7

2. Differential amount started from Wk-41 of 2007-08 (07.01.08 - 13.01.08). Differential figure in Col.1 indicates amount w.e.f Wk-09 of 2010-11

3. Difference between Col. 3 and Col. 6 is ₹ 642.55492 Lacs is equal to pool differential amt. realised during 2010-11(From Week-9)

4. Total pool differential amount as per bill till Wk-26 (20.09.10 - 26.09.10) :

5. Total pool differential amount realised till date

6. Total pool differential amount disbursed till date

7. Total pool differential amount in bank as on date (5 - 6)

8. Total Addl. UI amount as per bill till Wk-26 (23.09.10 - 26.09.10) :

9. Total Additional UI charges realized:

10. Total Addl. UI amount disbursed till date

11. Total Addl. amount in bank as on date (9 - 10)

12. Pool differential in Col.1 indicates ISGS capping amount since Week-09 of 2010-11. The capping amount of Week-01 to Week-08 (₹ 823.61085 lakhs) is included in opening balance as same was settled during 2009-10.

13. Difference between Col. 9 and Col. 10 is ₹

14. Negative figures in Col. 9 & 10 on account of revision of UI account (Week-6 & 14). Same will be adjusted subsequently.

Total pool balance amount ₹ 2652.24495 Lacs

Axis bank ₹ 695.22738 Lacs

SBI ₹ 1957.01764 Lacs

Annexure - 6.4**Requirement of SEMs & DCDs for NER upto 2013-14****Generating projects related requirement:**

(i) <u>Generating Projects</u>	<u>Units</u>	<u>Feeders</u>	<u>SEM</u>	<u>DCD</u>
1. Kameng HEP, 600MW, NEEPCO	4	2	10	2
2. BTPS, 750MW,	3	2	10	2
3. Lower Subansari, 2000MW, NEEPCO	8	4	18	2
4. Palatana, 740MW, OPTCL	4	2	10	2
5. Monarchak, 104MW, NEEPCO	2	4	11	2
			59	10

Transmission projects related requirement:

(i) <u>Bongaigaon GBPP and Palatana TPP Tr. System</u>	<u>SEM</u>	<u>DCD</u>
1. BTPS-Bongaigaon 400 kV D/C Line	4	2
2. Bongaigaon-Binaguri 400kV D/C line	2	-
3. LILO of Silchar- Bongaigaon at Byrnihat & Azara	10	3
4. LILO of Kathalguri-Misa 400 kV S/C line at Mariani (New)	2	-
5. LILO of Loktak-Imphal (Man) 132 kV S/C line at Imphal (New)	2	-
6. Silchar-Badarpur (PG) 132 kV D/C Line	4	2
7. Pallatana- Surajmaninagar 400 kV D/C Line	4	2
8. Palatana - Silchar 400 kV D/C Line	4	2
9. Silchar-Melriat (New) 400 kV line	2	1
10. Melriat (New)-Melriat (Miz) 132 kV D/C Line	4	2
11. Silchar-Imphal (New) 400 kV D/C line	4	2
12. Mariani (New)-Mokokchung (PG) 220 KV D/C Line	4	2
13. Mokokchung(PG)-Mokokchung (Nag) 132 KV D/C Line	4	2
14. Pasighat-Roing 132 KV S/C line (D/C tower)	2	1
15. Roing-Tezu 132 KV S/C line (D/C tower)	2	1
16. Tezu-Namsai 132 KV S/C line (on D/C tower)	2	1
17. Silchar-Srikona (AEGCL) 132 KV D/C Line	2	1
18. Silchar-Hilakandi 132 kV DC Line	2	1
	60	25

(ii) <u>Lower Subansari HEP and Kameng HEP Tr. System</u>	<u>SEM</u>	<u>DCD</u>
1. Lower Subansiri- B'Chariali 400kV D/C Line- 1	4	2
2. Lower Subansiri-B'Chariali 400kV D/C Line- 2	4	-
3. Kameng - Balipara 400kV D/C Line	4	2
4. B'Chariali-Balipara 400kV D/C Line	4	-
5. Balipara- Bongaigaon 400 kV D/C line	4	2
6. LILO Ranganadi-Balipara 400 kV D/C line at B'Chariali	4	2
7. 400/220kV ICT at Misa	2	-
8. B'charali(PG)-B'charali (AEGCL) 132 kV S/C line at B'Chariali	2	-
9. ±800 kV HVDC Bipolar B'Chariali-Bongaigaon Tr.line	4	2
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	32	10

Annexure - 6.4**(iii) Missing Link**

1. Misa – Byrnihat 220kV D/C line
2. 1x160MVA 220/132kV 2nd Transformer at Kopili
3. 1x100MVA 220/132kV 2nd Transformer at Dimapur(PG)
4. LILO of Dimapur (Nag)-Kohima 132kV S/C at Dimapur (PG)
5. Aizawl-Zimabawk 132kV S/C (2nd Ckt)
6. Kopili-Khandong 132 kV S/C (2nd Ckt)

<u>SEM</u>	<u>DCD</u>
4	1
2	1
2	2
4	1
2	1
2	-
<hr/>	
16	6

Total requirement:

Requirement
Spare (20%)
Total

<u>SEM</u>	<u>DCD</u>
161	51
32	10
191	61