

EASTERN REGIONAL POWER COMMITTEE

MINUTES OF THE 6TH MEETING OF THE EASTERN REGIONAL POWER COMMITTEE

Time & Date: 11:00hrs. on 19.02.08 (Tuesday)

Venue : Hotel Swosti Plaza, Bhubaneswar

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The list of participants in the 6th ERPC meeting is given at **Annexure - I**

Shri R.K. Grover, Member Secretary, ERPC warmly welcomed the members of the ERPC and the other participants to the 6th ERPC meeting. He profusely thanked CMD, GRIDCO and OPTCL for the warm hospitality extended to each participant and for the excellent arrangements made for the meeting. He mentioned that there was a general mis-conception about Eastern Region that it was surplus in power. The reality is that barring some off-peak surplus in Orissa, DVC and West Bengal, the region, particularly Bihar and Jharkhand, is reeling under severe power shortages. The problem has been compounded with recent outage of TVNL U # 2 of Jharkhand.

In his inaugural speech, Shri C.J. Venugopal, CMD, OPTCL & GRIDCO, observed that detailed deliberations on many vital technical issues had taken place on the previous day in the 5th TCC meeting. He pointed out that the myth about the Eastern Region being surplus in power was far from reality. Demand in the Eastern Region has been registering a steady growth with the rapid industrialisation that is taking place in many States in the Eastern Region. He observed that even though the power position of Orissa is comfortable when compared to Bihar and Jharkhand, Orissa has chalked out an ambitious capacity addition plan to keep in tune with the growing needs of power in future. For this, Government of Orissa had already signed many MOU with the IPPs. 45 applicants have been shown interest in setting up power stations in Orissa. Of this, 8 applications have already been processed and the remaining ones are under active consideration. For the speedy processing of applications, Government of Orissa has adopted single window clearance. It has been estimated that a capacity addition to the tune of 24,000 MW would take place in Orissa. A comprehensive evacuation plan is required to be chalked out. OPTCL / GRIDCO are already in touch with PGCIL and CEA for finalising the inter-state evacuation plan utilising the Long Term Open Access.

Shri V.K. Sood, MD, NESCO mentioned that it was his privilege to attend this meeting. He recalled that in the year 1999 at Kolkata he attended a meeting in the capacity of Member(GO), CEA in the context of transmission of surplus power of ER to deficit State of Madhya Pradesh through Orissa. He mentioned that trading of power was not a new concept. It was being facilitated earlier by Central

Electricity Authority also. He stated that large number of IPPs were coming up these days to meet the rapid increase in demand. He stressed that suitable transmission network was the major area to be looked into. He further added that Distribution Companies had a key role to play in the changed scenario. He opined that proper representation from the Distribution Companies was essential in the ERPC forum.

Shri Santosh Kumar, Advisor, PTC recalled his long association with REBs / RPCs. He observed that the shortage of power in the country has been the major concern in recent times. To overcome this, concerted efforts should be made for capacity addition and timely completion of the projects. In this connection, he observed that during the 10th Plan period, only 50% of the target could be achieved. He pointed out that PTC was the first company in the country to come up as Trader in the field of power trading and about 2/3rd of the total traded power is now being handled by PTC.

Shri M.K. De, CMD, WBSEDCL emphasized that so far as T&D losses were concerned, there was no real picture available today. However, WBSEDCL being a Distribution Company, has made significant strides in improving the T&D losses. The T&D losses in the combined West Bengal, comprising of areas served by WBSEDCL, CESC, DPL, Disergarh, DVC have come down to 17%. In case of WBSEDCL, losses are around 24% which are significantly lower than the corresponding losses in many other Distribution Companies of the country. The loss could be brought down significantly due to major initiatives taken by WBSEDCL. In this connection, he mentioned that energy meters at the consumer end are under the custody of local managers and he would be held responsible if the loss is minimized by fictitious methods. Meter readings at the consumer end and at the sub-station end are compared to arrive at an acceptable and a realistic figure. In his opinion, inefficient metering might contribute towards increase in losses. He further informed that steps were being taken to change the old defective meters by the new digital electronic meters and so far, almost 25% of the meters had already been changed.

Efforts are being made to improve the power factor to 0.95 from 0.85 as also the voltage level by using capacitor bank. All these steps taken by WBSEDCL have contributed to reduction in loss. He opined that with minimum investment, the loss could be reduced to 15%. This would keep the tariff low which, in turn, would attract more industrialists to invest in the State.

Shri C.M.P. Sinha, Director (Comml), DVC mentioned that their thermal and hydel generation were 2210 MW and 144 MW respectively. The PLF of the plants are around 78%. They are supplying power to West Bengal, Jharkhand and 100 MW to DTL. Two units of Mejia would be coming shortly - one in the month of February itself and another in April 2008. He informed that DVC has chalked out an ambitious capacity addition programme of around

6000 MW by setting up plants at Mejia, Raghunathpur Stage-I, Durgapur, etc in the 11th Plan period.

Shri U. Chandra, ED (Comml), Powergrid recalled the vital role played by Powergrid in the transmission of electricity throughout the length and breadth of the country. To keep in tune with the growing needs of power, Powergrid is going to invest about 55,000 crores to construct around 50000-60000 Circuit KM in the coming years. He mentioned that many projects were coming up in NER and ER whereas the beneficiaries would be mainly NR and WR and Powergrid was facing problem on the issue of sharing of transmission charges though they were following the CERC norms.

Shri B.K. Misra, Director (Tech), Tala HEP shared the concern of the Eastern Regional beneficiary constituents of Tala regarding the very low availability from Tala for certain months during the year. He clarified that the low generation of Tala was due to poor water inflows. At present, water flow is just adequate for only one unit operation. In his opinion, for reliability of system requirement, minimum two machines should be on bar which should together generate 340 MW. But it could not be possible due to water shortage. He assured that things would improve from mid June to October when full generation was expected with six machines in operation.

Shri H.B. Pradhan, EE, Power Department, Government of Sikkim stated that many power projects were coming up in Sikkim in the next 5-6 years. Sikkim is expected to add more than 4000 MW. He mentioned that the present demand of Sikkim was 60 MW and was steadily increasing day by day.

Shri R.N. Mishra, ED (Comml), NHPC mentioned that one unit of Teesta Stage V had already synchronized and two others were expected during March 2008. This project once completed would benefit the Eastern Region constituents. In addition, NHPC is constructing a 2000 MW project in Arunachal Pradesh which is the largest of its kind in India.

Shri S. Mahapatra, MD, WBPDCI informed that the turnover of WBPDCI had increased from Rs.64 crores in 1985 to Rs.2800 crores in the current year. He informed that some of the new units are operating at 100% PLF. WBPDCI had achieved a capacity addition of 1270 MW comprising of 5 units during the 10th Plan period. Another 500 MW is expected by March 2008. There was some delay in the completion from the schedule due to delayed delivery of machines / equipment by the supplier. He expressed his concern over inadequate and poor coal supply at their plants. He underlined that suitable transmission network would be necessary for evacuation of huge power and they were in touch with Powergrid in sorting out the transmission problem.

All the above speakers expressed their sincere thanks to CMD, GRIDCO and his able team of officers for their warm hospitality and sincere efforts to make the meeting a grand success.

ITEM NO.5 CONFIRMATION OF THE MINUTES OF THE 5TH ERPC MEETING HELD ON 22.09.2007 AT GANGTOK

No comments have been received from the constituent members on the minutes of the 5th ERPC meeting held on 22.09.07 at Gangtok issued vide letter no.ERPC/Committee/2007/4469-4516 dated 29.10.07.

Members may please confirm the minutes of the 5th ERPC Meeting.

Deliberation in ERPC meeting

The minutes of the 5th meeting of Eastern Regional Power Committee issued by ERPC vide No. ERPC/Committee/2007/4469-4516 dated 29.12.2007 was confirmed except Item No. 7 Sl No. 3 (iv) {400 KV D/C Patna-Balia line with associated bays} as objected to by BSEB.

ITEM NO. 6 ISSUES REFERRED TO ERPC BY TCC MEMBERS OF THE 5TH TCC MEETING HELD YESTERDAY

As referred by TCC, the issues at Item Nos. 9, 11, 14, 15 and 16.

(A) ITEM NO. 9 PROCEDURE FOR DISBURSEMENT OF UI CHARGES TO OTHER REGIONS – PROPOSAL OF NRPC

As per the existing procedure of disbursement of UI, the inter-regional constituents are accorded highest priority than the regional constituents. In a recent letter, NRPC Secretariat had detailed the problems being faced by them due to inadequate receipt in UI pool and the subsequent payment to the inter-regional constituents on first charge basis.

NRPC Secretariat had submitted three proposals for disbursement of UI charges. These proposals were deliberated at length in the 6th Commercial Sub-Committee meeting held on 16.01.08 wherein the constituents of the Eastern Region observed that, as per the existing regulations of CERC, payment to the UI pool is to be accorded highest priority. The genesis of the problems of NR lies in the continued default by some constituents in NR which has to be settled by NR itself. Therefore, the constituents of ER unanimously endorsed that the existing method of giving highest priority to the neighbouring region in the matter of disbursement of UI charges should be continued. Further it was felt by the constituent that, with the introduction of differential UI mechanism and the subsequent directive of CERC for utilization of the balance remaining in the

pool, the problem being faced by NR at present with regard to payment of UI charges would be considerably lessened.

The views of ER constituents have been conveyed to NRPC Secretariat by ERPC.

Put up to TCC for information.

Deliberation in the TCC meeting

Member Secretary, ERPC briefed the TCC members regarding the proposals received from NRPC Secretariat. He further informed that the issue had already been deliberated in the 6th Commercial Sub-Committee meeting held on 16.01.2008. The constituents of ER had unanimously endorsed that the existing method of giving highest priority to the neighbouring region in the matter of disbursement of UI charges should be continued.

TCC members endorsed the decision of the Commercial Sub-Committee meeting and decided to place it in the ERPC meeting for final approval.

Deliberation in ERPC meeting

After detailed deliberation, ERPC members unanimously endorsed the decision of TCC. Members also appreciated the action already taken by ERPC Secretariat in this regard.

(B) ITEM NO.11 COMMENCEMENT OF GENERATION FROM TEESTA STAGE - V AND SHARE ALLOCATION

In a recent communication, NHPC has intimated that Teesta Stage-V H.E. Project is under advance stage of construction and 1st unit of the project is expected to be commissioned in January' 2008. For this, NHPC had already entered into Power Purchase Agreement on 09.09.2002 with respective entities of the states of Bihar, Jharkhand, West Bengal, Sikkim and with DVC.

In the 6th Commercial Sub-Committee meeting held on 16.01.08, it was further informed by NHPC that CEA had already recommended to MoP, GoI regarding allocation of power from Teesta Stage-V. The order from the Ministry is awaited.

Further, in the Commercial Sub-Committee meeting, it was emphasized that

- i) the modalities of testing of lines and commercial arrangement thereof for charging of Teesta-Binaguri circuits should be finalized beforehand and intimated to ERPC / ERLDC for accounting of energy;

- ii) the final metering arrangement, both at Binaguri as well as Teesta end including meter number, type, etc should be intimated to ERPC/ERLDC; and
- iii) the modalities of collection of meter readings on weekly and monthly basis and transmittal of the same to ERLDC/ERPC for UI and REA purposes should be finalized.

NHPC may please indicate the latest status.

As per the request of NHPC vide letter dated 25.01.2008, it is informed that a Special Commercial Sub-Committee meeting of ERPC was held on 06.02.2008 at NHPC office, Kolkata regarding provisional tariff of Teesta Stage V HEP (3 x 170 MW) executed by NHPC in the central sector. Besides NHPC, the beneficiaries of Rangit HPS, ERPC and Powergrid attended the meeting.

All the beneficiary constituents present in the meeting unanimously accepted the provisional tariff of Rs.1.62 per unit (composite) as proposed by NHPC, subject to approval by CERC as per the petition filed by NHPC in this regard with CERC on 22.01.2008.

This is for the kind information of TCC members.

Deliberation in the TCC meeting

Member Secretary, ERPC informed that the U # 2 of Teesta Stage-V had been test synchronised on 05.02.2008. He observed that generation in Teesta Stage V units would bring much needed relief to the Eastern Region, particularly to JSEB and BSEB, who are reeling under severe power shortage.

TCC members congratulated NHPC for the synchronisation of Unit # 2 of Teesta Stage-V H.E. Project.

Regarding share allocation from Teesta Stage V, MoP is yet to issue necessary order. In this connection, it was submitted by GRIDCO that GRIDCO had placed a requisition of 150 MW from Teesta Stage V H.E. Project.

Member Secretary, ERPC also informed the TCC members that, in the Special Commercial Sub-Committee meeting held on 06.02.2008 at NHPC office, Kolkata, the beneficiary constituents present in the meeting unanimously accepted the provisional tariff of Rs.1.62 per unit (composite) as proposed by NHPC, subject to approval of CERC.

TCC members approved the provisional tariff of Rs.1.62 per unit for Teesta Stage V as recommended by the Special Commercial Sub-Committee and decided to place it to ERPC for acceptance of decision of TCC.

Deliberation in ERPC meeting

ERPC accepted the provisional tariff of Rs.1.62 per unit (composite) for Teesta HEP Stage-V as recommended by TCC. Members also requested Chief Engineer (GM), CEA to take up with MoP for expeditious issuance of allocation order.

While congratulating NHPC authorities for successful commissioning of the U # 2 of Teesta HEP Stage-V, Chief Engineer (Comml), WBSEDCL requested NHPC to ensure that maximum peaking support is available from this unit in the overall interest of the region.

(C) ITEM NO. 14 COMMERCIAL OPERATION OF TRANSMISSION ASSETS

The following transmission elements associated with the Kahalgaon Stage-II (Extension Phase I) have been declared under commercial operation by Powergrid and was subsequently accepted in the 6th Commercial Sub-Committee meeting held on 16.01.08 :

Sl. No.	Name of the Element	Date of Commercial Operation	Remarks
1.	400 kV D/C Biharshariff-Balia line (Circuit I)	01.09.2007	Accepted in the meeting.
2.	Bus Reactor 80 MVAR along with associated bay at Ranchi S/s	01.09.2007	- do -
3.	400 kV D/C Biharshariff-Balia line (Circuit II)	01.11.2007	- do -
4.	315 MVA ICT I at Patna S/s	01.11.2007	- do -
5.	2 nos. 220 kV bay at Patna	01.12.2007	- do -
6.	315 MVA, 400/220 kV ICT I at Ranchi S/s	01.12.2007	- do -
7.	315 MVA, 440/220 kV ICT II and associated bays at Patna S/s	01.01.2008	- do -

Members may please approve.

Deliberation in the TCC meeting

Member Secretary, ERPC requested the members to note the date of commercial operation of the different transmission elements associated with Kahalgaon Stage-II (Extension Phase-I) as mentioned in the agenda.

TCC members noted the transmission elements associated with Kahalgaon Stage-II (Extension Phase-I) declared under Commercial Operation by Powergrid and subsequently accepted in the 6th Commercial Sub-Committee meeting held on 16.01.2008.

But, BSEB representative emphasized that 400 kV D/C Biharshariff-Balia and 400 kV D/C Patna-Balia lines along with the associated bays are part of the Kahalgaon Stage-II. Further, the aforesaid assets do not form a part of the Bulk Power Transmission Services Agreement signed by BSEB with PGCIL. Therefore, ERPC was not the appropriate forum for acceptance of commercial declaration of these assets. So BSEB clarified that the question of sharing of cost of the aforesaid transmission assets by BSEB did not arise.

After detailed deliberation on this issue, TCC members decided to place it before ERPC for advice in this regard. However, TCC members recommended acceptance of commercial operation of transmission elements under Sl. No. 2, 4 to 7 as mentioned in the agenda.

Deliberation in ERPC meeting

Member Secretary, ERPC apprised the members present regarding reservation of BSEB against acceptance of commercial declaration of (1) 400 kV D/C Patna-Balia line along with the associated bays and (2) 400 kV D/C Biharshariff-Balia line along with associated bays, if any. He requested the members to go through the submission made by BSEB in the TCC meeting held on 18.02.08 in this regard.

CMD, WBSEDCL fully agreed with the submission made by BSEB. He noted that more and more elements are being added into the regional pool for evacuation of power whose beneficiaries lie outside the region, thereby adding to the regional pool cost without commensurate benefit. He also entirely agreed with the BSEB's suggestion that the above mentioned elements should not be discussed in the ERPC forum for commercial declaration since these lines are meant for transferring power to the entities lying outside the Eastern Region.

All the beneficiary constituents present in the meeting supported the views of WBSEDCL and BSEB.

However, it was clarified by Powergrid that acceptance of declaration of commercial operation of transmission assets was an issue which was entirely different from its sharing of charges and as such he requested ERPC forum to accept the DOCO of the said elements. The views of Powergrid were not accepted by the beneficiary constituents of ERPC.

After detailed deliberations, it was decided that the beneficiary constituents of Eastern Region would not accept the date of commercial operation of (1) 400 kV D/C Patna-Balia line along with the associated bays and (2) 400 kV D/C Biharshariff-Balia

line along with associated bays, if any. They advised Powergrid to scrutinize the BPTSA and take action accordingly.

However, ERPC approved DOCO of the elements mentioned in Sl. No. 2, 4, 5, 6 and 7 in the agenda.

(D) ITEM NO. 15 400 KV ROURKELA-RAIPUR D/C LINE MADE LILO AT RAIGARH

The existing 400 kV Rourkela-Raipur D/C line has been made LILO at Raigarh S/S of WR. SEMs have also been installed at Raigarh end.

In the 6th Commercial Sub-Committee meeting held on 16.01.08 the members noted the above change and observed that 400 kV Rourkela-Raigarh D/C line would now become the inter-regional line instead of 400 kV Rourkela-Raipur D/C line. As such, the transmission charges for the portion from Raigarh to Raipur should be fully borne by WR constituents as the regional element of WR and the transmission charges of 400 kV Rourkela-Raigarh D/C line are to be borne by ER and WR in line with the existing norms.

In reply, Powergrid representative informed that they would discuss the issue with their counter part of WR and revert back.

Powergrid is requested to indicate the latest status in this regard.

Put up to TCC for further deliberation and advice.

Deliberation in the TCC meeting

Member Secretary, ERPC apprised the members present regarding the LILO of 400 kV Rourkela-Raipur D/C line at Raigarh. The issue of treating the Rourkela-Raigarh line as inter-regional line between ER and WR in place of original Rourkela-Raipur line and the sharing of cost therein was deliberated in details in the 6th Commercial Sub-Committee meeting where utility constituents of Eastern Region firmly held the view that WR would bear 100% transmission charges for the line between Raigarh and Raipur, being the integral part of WR regional network and the transmission charges for the remaining Rourkela—Raigarh line, being the inter-regional line, would be shared by ER & WR in accordance with the existing regulation of CERC.

TCC members unanimously endorsed the decision of the 6th Commercial Sub-Committee meeting of ERPC.

Powergrid representative present in the meeting that they would file petition with CERC in this regard.

TCC referred the issue to ERPC for information.

Deliberation in ERPC meeting

The beneficiary constituents of ERPC recommended that the transmission charges for the line between Rourkela and Raigarh would be borne by ER and WR in accordance with the existing regulation of sharing of inter-regional transmission line. WR would bear 100% transmission charges for the line between Raigarh and Raipur being in its geographical region. In this connection, it was pointed out that, in a similar case involving erstwhile 400 kV D/C Malda-Bongaigaon inter-regional line, inter-regional portion were redefined by CERC between Binaguri-Bongaigaon once the 400 kV D/C Malda-Bongaigaon line was made LILO at Binaguri.

Powergrid again informed that Powergrid would file a petition with CERC in this regard.

(E) ITEM NO. 16 REPLACEMENT OF ABB MADE PLCC PANELS OF 400 KV FARAKKA-DURGAPUR LINE 1 & 2 AND 400 KV FARAKKA-JEERAT LINE 1 & 2 (BOTH NTPC AND POWERGRID ENDS)

Powergrid representative informed that the existing PLCC panels protection coupler (ABB make – Model: (NSD-40 and NSD-60) used for 400 kV Farakka-Durgapur line 1 & 2, 400 kV Farakka-Jeerat line 1 & 2 at Durgapur, Jeerat and Farakka end are old, obsolete in design and their spares are not available. These are to be replaced with new ones (17 nos. protection coupler panel) otherwise it will affect the availability, reliability and security of the system. The tentative cost for these 17 numbers Panels at Durgapur, Jeerat and Farakka end will be Rs.34 lakhs. Powergrid desired constituents to agree to above proposal.

Members in the 6th Commercial Sub-Committee meeting approved the proposal for replacement of ABB make Model : NSD-40 and NSD-60 at a cost of Rs.34 lakhs.

TCC may please approve.

Deliberation in the TCC meeting

TCC approved the proposal of Powergrid for replacement of ABB made PLCC panels of 400 kV Farakka-Durgapur Line 1 & 2 and 400 kV Farakka-Jeerat Line 1 & 2 at a cost of Rs.34 lakhs, as recommended by Commercial Sub-Committee of ERPC.

TCC referred the proposal to ERPC for final approval.

Deliberation in ERPC meeting

ERPC approved the proposal of Powergrid for replacement of ABB make PLCC panels of 400 kV Farakka-Durgapur line 1 & 2 and 400 kV Farakka-Jeerat line 1 & 2 at a cost of Rs. 34 Lakhs, as recommended by TCC.

ITEM NO. 7 CONSTITUTION OF ERPC

In pursuance of letter no.18/Board – 32/2004/1827 dated 08.08.06 from Govt. of Jharkhand, SAIL- Bokaro Steel Plant is the Member of ERPC in the category of Distribution Company in the State of Jharkhand for the year 2007-08.

ERPC Secretariat has issued several communications to Bokaro Steel plant for forwarding their nominations in ERPC and other Sub-Committees of ERPC to ERPC Secretariat. But no communication has been received from Bokaro Steel Plant. However, the representatives of BSP have attended a few OCC meetings of ERPC.

Further, it is informed that, in pursuance of letter no. R.&R. III-39/07 dated 21.06.07 from Govt. of Orissa, NESCO is the Member of ERPC in the category of Distribution Company in the State of Orissa for the year 2007-08. NESCO have very recently sent their nominations to ERPC and other Sub-Committees of ERPC.

This is for the information of the TCC members.

Deliberation in ERPC meeting

Members from various organisations belonging to the States of Jharkhand and Orissa present in the meeting asserted to utilise their good offices to generate interest and awareness in Distribution companies in their individual state to actively participate in the TCC and ERPC meetings.

ITEM NO. 8 SELECTION OF CHAIRPERSON OF ERPC

The one year tenure of the incumbent Chairperson of ERPC i.e the Chairman, JSEB will be completed on 31.03.08

As per the provisions of the GoI Resolution dated 29.11.2005, “Chairperson of ERPC would represent the States of the Region by rotation in alphabetical order. Members of ERPC from that particular State would nominate the Chairperson of ERPC from amongst themselves. Term of the Chairperson would be for a period of one year.”

Accordingly, the Chairperson during the first year of formation of ERPC i.e for the year 2006-07 was from the State of Bihar followed by Jharkhand in 2007-08. The Chairperson would be from the States of Orissa, Sikkim and West Bengal in the subsequent years in that order.

Accordingly, the Chairmen, OPTCL, OHPC and OPGC may please decide among themselves who would take over as the Chairperson, ERPC w.e.f 1st April, 2008.

Members of ERPC may please approve.

Deliberation in ERPC meeting

It was decided by the members from OPTCL, OHPC, OHPC and GRIDCO present in the meeting that Shri C.J.Venugopal, CMD, OPTCL would take over as the Chairperson, ERPC with effect from 1st of April,2008 on expiry of the term of Shri B.M.Verma, Chairman, JSEB on 31st March, 2008.

ITEM NO. 9 FUNDING OF ERPC SECRETARIAT

(A) ERPC- ESTABLISHMENT FUND

In accordance with the decision taken in the 4th ERPC meeting held on 19.06.2007, ERPC Secretariat had opened a current account in SBI, Southern Avenue Branch, Kolkata in the name of “**ERPC – Establishment Fund**” (Account No. **30222076394**) for depositing the Cheques/Demand Drafts sent by the constituent members towards reimbursement of expenses of establishment of ERPC Secretariat.

Status of receipt of payment for the financial year 2007-08

The contribution of Rs.10.0 lakhs has ***not*** been received from

- a) BSHPC
- b) Power Deptt., Govt. of Sikkim (*)
- c) NESCO
- d) Bokaro Steel Plant

The above mentioned members are requested to send their contributions immediately.

Deliberation in ERPC meeting

The representative from various organisations from the States of Bihar, Sikkim, Orissa and Jharkhand present in the meeting assured that they would pursue with BSHPC, Power Department, NESCO and BSP respectively for releasing the said payment.

(B) CONTRIBUTION IN ERPC – ESTABLISHMENT FUND IN 2008-09

As was agreed in the 3rd ERPC meeting held on 10.02.07, each member contributed Rs.2.50 lakhs per quarter in place of 2.30 lakhs (Rs.10.00 lakhs for 2007-08) for upgradation of the infrastructure facilities such as Computers, peripherals,

modernisation of Conference Hall including its PA system, air-conditioning, etc. of ERPC Secretariat.

In the next financial year, ERPC Secretariat proposes to undertake renovation of interiors of the building. For this purpose, it is estimated that additional Rs.10.00 lakhs will be required.

It is proposed to marginally increase the contribution of each member to Rs.11.00 lakhs / year from the existing level of Rs.10.00 lakhs/ year to **ERPC Establishment Fund for the year 2008-09.**

Members may please agree.

Deliberation in ERPC meeting

Members unanimously agreed to contribute Rs.11.00 lakhs each in the financial year 2008-09 as per the proposal of ERPC Secretariat to enable ERPC to undertake and complete the renovation of interior of ERPC Secretariat.

(C) STATUS OF CONTRIBUTION TO ERPC FUND FOR THE YEAR 2007

The contribution of **Rs.38,000/-** per member for the **year 2007** To **ERPC FUND** has *not* been received from the following organisations :

- i) Power Deptt., Govt. of Sikkim (*)
- ii) BSHPC and
- iii) NESCO

The above mentioned organisations are requested to release the payment without further delay.

Deliberation in ERPC meeting

Deliberation took place in the similar line as in Item No. 9 (A) above.

(D) CONTRIBUTION TO ERPC FUND FOR THE YEAR 2008

In view of continuously escalating market price and increasing number of meetings, conference, lectures etc. it is proposed that **members may accord their consent for enhancing the rate of contribution from Rs. 38,000/- to Rs.50,000/-per member per year.**

Deliberation in ERPC meeting

Members accorded their consent for enhancing the rate of contribution from Rs. 38,000/- to Rs.50,000/-per member per year.

(E) STATUS OF CONTRIBUTION TO ERPC FUND FOR THE YEAR 2006

The contribution of **Rs.38,000/-** per member for the **year 2006 to ERPC FUND** has *not* been received from the following organisations :

- i) Power Deptt., Govt. of Sikkim (*)
- ii) Tata Steel Ltd.
- iii) BSHPC and
- iv) CESCO

Tata Steel Limited and CESCO were the members of ERPC in the year 2006-07 in the capacity of Distribution Company from the State of Jharkhand and Orissa respectively.

Members may like to discuss to find out the ways of realisation of the amount from the above mentioned organisation.

NOTE : It has been experienced during the last two years after the inception of ERPC that the members of ERPC in the Capacity of Distribution Companies of the States have not shown enough interest in taking active role in the activities of ERPC and in releasing payments (in ERPC Establishment Fund/ ERPC Fund) either, seemingly because their tenure of membership of ERPC is only for *one* year.

Members may like to throw some light on this issue.

Deliberation in ERPC meeting

Deliberation took place in the similar line as in Item No. 9 (A) above.

- (*) The Contribution of Rs.10 lakhs in ERPC Establishment Fund for the financial year 2007-08, the Contribution of Rs.38,000/- each in ERPC Fund for the years 2006 & 2007 have since been received from Power Department, Govt. of Sikkim.

ITEM NO. 10 ANY OTHER POINT WITH THE PERMISSION OF CHAIR

(A) ISSUE RAISED BY GRIDCO

i) Allocation of power from Teesta-V HEP and its associated Transmission System

Director (Coml.), GRIDCO impressed upon PGCIL to establish proper transmission system for evacuating 150MW power from Teests-V HEP as had been requisitioned by GRIDCO. He further requested them to finalise the transmission charges that would be levied by PGCIL on GRIDCO on this account.

ii) 400kV D/C Parulia-Jamshedpur-Kalabadia-Mendhasal-Narendrapur-Jeypore-Gazuwaka

A 400 kV D/C Parulia—Jamshedpur -- Kalabadia--Mendhasal (1st Part)—Narendrapur—Jeypore-- Gzuwaka (2nd Part) line was approved by CEA to evacuate surplus off peak power of DVC and WBSEB to Southern Region. The said lines are touching OPTCL system at Mendhasal as well as Narendrapur 400 kV Grid sub-stations. The Parulia-Jamshedpur-Kalabadia-Mendhasal 400 kV line was initially proposed as a regional system but later declared a merchant line to be promoted by DVC and WBSEB due to unwillingness of some constituents of ER to club it in regional system. GRIDCO was kept out of such arrangement though they were always willing to co-promote.

Director (Coml.), GRIDCO reiterated GRIDCO's willingness to associate with the said evacuation system and contribute proportionately as per usage.

He further requested to consider a LILO of the same line at Duburi S/s of OPTCL and a 400kV sub-station at Narendrapur. He requested PGCIL to intimate its present status regarding implementation and sharing of cost.

Deliberation in ERPC meeting

The representative from WBSETCL and DVC welcomed GRIDCO's proposal of co-promoting the 400kV Parulia-Jamshedpur-Kalabadia-Mendhasal line only. It was desired that a decision on GRIDCO's participation could be taken up in a tripartite meeting to be arranged at a suitable place in due course.

iii) Transmission Planning for New capacity addition

It was informed that GRIDCO had executed PPA with 13 nos. of IPPs for adding a capacity of 16000MW out of which

25% power was committed to the State along with all the power generated above 80% PLF. The rest of capacity is for outside the State.

It was further informed that LTOA for 7329 MW capacity was already placed with PGCIL by the IPPs. Besides the Ultra Mega Power Project of Orissa having installed capacity of 4000 MW was being developed from which 1300 MW had been allocated to Orissa and rest to outside.

Deliberation in ERPC meeting

It was informed by PGCIL that a meeting between Beneficiaries and Developer would be convened by PGCIL shortly.

Director (Comml), GRIDCO requested CEA to take necessary action for making comprehensive transmission planning.

Chief Engineer (GM), CEA requested GRIDCO to communicate with the Chairman, Standing Committee in this regard. He further added that some issues like technical feasibility and commercial aspects would be taken care of by CEA.

Director (Comml), GRIDCO then informed that, in view of increase in industrial loads and rapid rural electrification in Orissa, a 400kV sub-station at Bolangir by LILO of 400 kV Meramundali-Jeypore S/C line should also be included as part of regional scheme. Further, the following new line / sub-station are under consideration by GRIDCO / OPTCL ;

- a) LILO of Kalabadia-Mendhasal 400kV line at Duburi
- b) 400kV sub-station at Narendrapur
- c) 400kV sub-station at Keonjhar
- d) 400kV sub-station at Jharsuguda/Sundergarh

(B) ISSUE RAISED BY WBSETCL

i) Connectivity of WBSETCL system with Dalkhola 220kV Switching Station of Powergrid

The above proposal of WBSETCL was discussed in the Standing Committee meeting on Transmission Planning in ER of CEA held on 05.11.07 at Ranchi and was agreed to subject to the confirmation by Powergrid regarding availability of space for bays and WBSETCL bearing the cost of the bays at Dalkhola (PG).

WBSETCL informed that in a meeting with the GM(OS), ER-II, Powergrid on 12.02.08 Powergrid had confirmed the availability of space for bays at their Dalkhola 220kV Switching Station for establishment of connectivity with WBSETCL system.

Deliberation in ERPC meeting

ERPC members observed that, since the entire cost of connectivity would be borne by WBSETCL and the connectivity, in turn, would contribute to system strengthening, ERPC had no objection against implementation of the scheme by WBSETCL through Powergrid.

GM, ERLDC raised the following issues :

U R S

He observed that many States in the Eastern Region had been reeling under acute power shortage. In order to fully utilize un-requisitioned surplus available in any ISGS of the Eastern Region, he suggested that the beneficiaries should enter into a standing arrangement with NTPC / NVVN for utilization of this un-requisitioned surplus power. He informed that some of the beneficiaries had already entered into such arrangement. He requested the other beneficiaries of Eastern Region requiring additional power to enter into such arrangement.

U F R

He informed that, in recent times, the frequency had gone down below 48.8 Hz on a number of occasions. Now, the first stage of UFRs have been set at 48.8 Hz in the Western and Northern Regions. However, the desired quantum of relief was not forthcoming. He opined that ERPC Secretariat should carry out periodic inspection of UFRs in the Eastern Region in accordance with the provision of IEGC to ensure that required relief in ER is obtained at 48.5 Hz i.e. the 1st stage of UFR operation in ER.

Updation of SCADA System

He observed that with the addition of new units and transmission elements, the configuration of the regional grid has been undergoing rapid changes. This necessitates updation of the SCADA System for proper

real time management of the grid. In this context, the need for redundant route for transfer of real time data from SLDCs and critical nodes in the grid to RLDC was considered vital for smooth and effective monitoring of the Eastern grid. A route-diversity proposal was also discussed and recommended by 2nd SCADA / EMC Committee – which needs to be considered for implementation by regional constituents in view of its significance.

ITEM NO.11 FINALISATION OF VENUE AND TENTATIVE DATE OF THE NEXT COMMITTEE MEETING

As per the roster finalised in the first ERPC meeting held at Kolkata on 25.05.06, next ERPC meeting is to be hosted by a member from Jharkhand. The Generating Companies and the Distribution Companies in the State of Jharkhand may please decide mutually among themselves who would host the next meeting and inform the house.

The roster approved in the first ERPC meeting is given below :

Sl. No.	Host Organisation
1.	WEST BENGAL
2.	DVC
3.	NHPC
4.	PGCIL
5.	SIKKIM
6.	MEMBER, IPP
7.	MEMBER, TRADER
8.	ORISSA
9.	JHARKHAND
10.	BIHAR
11.	NTPC

Members may please also decide a tentative date and venue for the next meeting.

Deliberation in ERPC meeting

Member (Tech), JSEB confirmed that JSEB would host the next ERPC meeting.

ITEM NO.11 VOTE OF THANKS BY GRIDCO

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

LIST OF PARTICIPANTS
6th ERPC MEETING

Date : 19th February, 2008

Venue : *Hotel Swosti Plaza, Bhubaneswar*

Name of Constituent /Organisation	Sl. No.	Name of the Officer	Designation	
JHARKHAND A) JSEB	1.	Shri G.N.S.Munda	Member (Tech)	
	2.	Shri G.Shukla	GM-cum-CE	
	3.	Shri A.K.Chatterjee	CE-cum-Secy.to Chmn.	
	4.	Shri R.N.Tiwary	ESE (T-C)	
	5.	Shri S.C.Mishra	ESE (Coml.)	
	6.	Smt.Anita Prasad	AEE(Coml.)	
	7.	Smt. Anjana Shukla Das	AEE(Coml.)	
BIHAR A) BSEB	8.	Shri S.K.Ghosh	ESE(IS)	
	9.	Shri Rakesh	EEE(IS)	
ORISSA A) OPTCL	10.	Shri C.J.Venugopal	CMD	
	11.	Shri K.K.Nath	Dir.(Eng.)	
	12.	Shri U.K.Panda	Dir.(F&CA)	
	13.	Shri A.C.Nath	Chief GM(O&M)	
	14.	Shri G.B.Mishra	CGM(Const.)	
	15.	Shri N.Dash	Sr.GM(PS)	
	16.	Shri B.N.Mahapatra	GM (SLDC)	
	17.	Shri S.K.Panigrahi	Manager (El.) (O&M)	
	18.	Shri S.K.Das	Dy. Manager (El.)	
	19.	Shri Harapriya Behera	A.M (El.) (R&T)	
	20.	Smt. Usharani Sahoo	A.M(El.)	
	B) OHPC	21.	Shri J.Padhi	Dir.(Oprn.)
		22.	Shri B.C.Padhi	Sr.GM(El.)
23.		Shri D.N.Patra	Manager(El.)	
24.		Shri A.K.Jagadev	Dy.Manager(EL.)	
25.		Shri B.R.Gantazelf	Dy.Manager(EL.)	
C) OPGC	26.	Shri K.C.Samantray	Dy. Manager	
D) NESCO	27.	Shri V.K.Sood	M.D	
	28.	Shri S.D.Bhanja	AGM	
WEST BENGAL A) WBPDCCL	29.	Shri S.Mahapatra	M.D	
	30.	Shri P.K. Chakraborty	ED (Corporate)	
B) WBSETCL	31.	Shri P.Gupta	Dir.(Sys. Opn.)	
	32.	Shri A. Karmakar	SE(E)	
C) WBSIEDCL	33.	Shri M.K.De	CMD	
	34.	Shri M.K.Ray	Dir.(Coml.)	

	35.	Shri M.Majumder	CE(Coml.)
D) CESC	36.	Shri B.B.Chakrabarty	Vice President (SO)
	37.	Shri R.Chakravarty	Manager(System)
Govt. of Sikkim	38.	Shri H.B.Pradhan	Executive Engineer (EHV)
CEA	39.	Shri T. Chatterjee	C E (GM)
DVC	40.	Shri C.M.P.Sinha	Director(Coml.)
	41.	Shri T.K.Paul	C E (Coml.)
	42.	Shri D.Mukherjee	C E (CLD)
	43.	Shri C.Karmakar	SE(Elec.)
NTPC	44.	Shri Lalji Agrawal	AGM(OS)
	45.	Shri K.K.Sinha	DGM(Coml.)
	46.	Shri Vivake Kumar	DGM (Coml.)
	47.	Shri K.Pal	DGM (Coml.)
	48.	Shri S.K.Kar	DGM (Coml.)
NHPC	49.	Shri R.N.Mishra	ED(Coml.)
	50.	Shri Kamal Kapoor	ED (O&M)
	51.	Shri D.Chakraborty	Chief (Finance)
POWERGRID	52.	Shri Umesh Chandra	ED (Coml)
	53.	Shri D.Chowdhury	ED,ER-II
	54.	Shri J.P.Singh	GMI/C, ER-I
	55.	Shri B.S.Pandey	GM (OS),ER-II
	56.	Shri Dr. L.Hari	GM (O&M), ER-II
	57.	Shri S.Prasad	AGM (Coml.), ER-II
	58.	Shri AM.Pavgi	AGM(Engg)
	59.	Shri S.K.Singh	CM(OS), ER-II
	60.	Shri J.Das	Manager (OS), ER-I
	61.	Shri P.K.Gupta	DGM
	62.	Shri G.C.Dhal	DGM
ERLDC	63.	Shri M.G.Raoot	GM
	64.	Shri P.Mukhopadhyay	DGM
	65.	Shri S.S.Barpanda	CM
	66.	Shri S.K.Hazra	CM
	67.	Shri S.Konar	DM
PTC	68.	Shri Santosh Kumar	Advisor
	69.	Shri S.S.Sharma	Sr. Vice President
GRIDCO	70.	Shri A.C. Mallick	Dir. (Comml)
	71.	Shri Mohan Kumar Misra	Sr. GM (PP)
	72.	Shri U.Sahu	Manager
	73.	Smt. Sasmita Patjoshi	EA to DC
	74.	Shri N.Khan	L.O
	75.	Shri Madhu Sudan Sahoo	DM(EBC)
	76.	Shri D. K. Sahoo	AM(TC) PP
	77.	Shri P.C.Sahoo	DM (PP)

Tala HEP	78.	Shri B.K.Misra	Dir.(Tech.)
MONNET	79.	Shri M.Sharan	GM
ERPC	80.	Shri R.K.Grover	MS
	81.	Shri J.Bandyopadhyay	SE
	82.	Shri S.N.Kayal	SE
	83.	Shri B. Sarkhel	EE
	84.	Shri S.K.Ghosh	EE
	85.	Shri A. Roy	EE
	86.	Shri D.K.Mitra	EE
	87.	Shri S.M.Jha	EE
	88.	Shri S. P. Datta	DGM, NTPC
	89.	Shri P..Sengupta	Stenographer