

**EASTERN REGIONAL POWER COMMITTEE**  
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**MINUTES OF THE 19<sup>TH</sup> COMMERCIAL SUB-COMMITTEE MEETING OF ERPC HELD ON 02.12.2011 (FRIDAY) AT 1100 HRS. AT ERPC, KOLKATA**

List of Participants is at Annexure-A

**ITEM NO. 1 CONFIRMATION OF THE MINUTES OF THE 18TH COMMERCIAL SUB-COMMITTEE MEETING HELD ON 16.06.2011**

The minutes of the 18<sup>th</sup> Commercial Committee meeting were circulated vide ERPC letter No. ERPC/COM-I/GEN/2011/3805-35 dated 12.09.2011.

PTC has requested vide their letter no-C/PTC/M-TFG/ERPC/7713 dated 16.09.2011 amendment of minutes of 18<sup>th</sup> CCM (Item 23) held on 05.09.2011, in the deliberation portion as under,

**PTC informed that they have sent the proposal of WBSEDCL, as expressed in the meeting on 11.07.2011, to Ministry of Power**

**to be modified as,**

**PTC informed that they have sent the proposal of WBSEDCL, as expressed in the meeting on 11.07.2011, to Department of Energy, Royal Govt of Bhutan for their acceptance /review.**

With the above amendment, members may confirm the minutes.

**Deliberation in the meeting**

After detailed deliberation, members confirmed the minutes of the 18<sup>th</sup> Commercial Sub-Committee meeting incorporating the amendment proposed by PTC.

**ART A: FOLLOW UP ITEMS / REGULAR ITEMS**

**ITEM NO. 2 a. PAYMENT OF UI -- PRESENT STATUS**

As submitted by ERLDC, the status of UI payment for 2011-12 (upto 17.11.11) is enclosed at **Annexure – I** and the status of outstanding of MPL and NR is shown below:

SL NO	PERIOD	MPL		NR	
		PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
1	2011-12 (up to week -32)	25.39 Crs		223.14 Crs.	
2					
	<b>TOTAL</b>	<b>25.39 Cr</b>		<b>223.14 Cr</b>	

ERLDC had informed MPL and NR for early liquidation of dues.

MPL may inform the payment schedule.

### **Deliberations in the Meeting**

MPL informed that outstanding UI dues would be liquidated in the coming 7-8 days.

ERLDC informed that Rs.50 crores had been received from NR and for the balance amount a letter had been issued to NR.

#### **b. RECONCILIATION OF UI POOL ACCOUNT**

ERLDC has informed that reconciliation of UI account for the period fromr April' 11 to Sept' 11 has been sent to all constituents on 24.10.2011 for confirmation.

Confirmation already received from NHPC, DVC, MPL and SR. Other constituents are requested to give their confirmation at the earliest.

If confirmation is not received from the concerned constituents within 07.12.2011 from the remaining constituents, the UI account for the above period shall be taken as confirmed.

### **Deliberations in the Meeting**

- ERLDC informed that confirmation have already been received from NER and NTPC.
- After deliberation, it was decided that if no confirmation is received within 17.12.2011, from the remaining constituents, UI account for the period from April 2011 to September 2011 would be considered as confirmed.

#### **c. REACTIVE ENERGY CHARGES – PRESENT STATUS.**

As per ERLDC, the updated position of Receipt/Payment of Reactive Energy Charges in the pool is indicated in **Annexure – II**.

Members may please note.

Further, in the 15<sup>th</sup> ERPC meeting, ERPC approved ERLDC proposal of holding 6 nos. of Workshop on “Black Start & Restoration Procedures” at an estimated cost of Rs.1.5 lakhs per Workshop, totaling Rs. 9 lakhs. Two no of Workshop have been held as follows:

Sl No	Date	Workshop details	Payment made by	Status of reimbursement if applicable
1	24.06.2011	Black Start & Restoration	Rs. 1,74,998 made from ERPC Fund	Reimbursed to ERPC Fund from Reactive Pool A/c
2	26.07.2011	-do-	Rs 1,25,942 by GRIDCO	Reimbursed to GRIDCO from Reactive Pool A/c

Four workshops on are due to be conducted on “Black Start & Restoration Procedures”. An amount of Rs 5, 99,060 is available for expenditure on “Black Start & Restoration Procedures”.

In the 13<sup>th</sup> ERPC meeting, ERPC approved an additional expenditure of Rs.20 lakhs for conducting Workshop and Seminar on various technical issues to be funded from Reactive Pool Fund. Two no of workshop/seminar have been held as follows:

Sl No	Date	Workshop details	Payment made by	Status of reimbursement if applicable
1	18.07.2011	Reliability Coordination for ER	Rs. 89,998 made from ERPC Fund	Reimbursed to ERPC Fund from Reactive Pool A/c
2	25.07.2011	Emerging Trend for System Operation	Rs 4,91,782 by GRIDCO	Reimbursed to GRIDCO from Reactive Pool A/c

An amount of Rs. 14,18,220 is available for expenditure against “Workshop and Seminar on various technical issues”.

**Members may decide the tentative date, place and subject for holding the next workshop/seminar.**

In the last ERPC meeting ERPC agreed that GRIDCO shall be reimbursed subject to the cost ceiling approved in 13<sup>th</sup> and 15<sup>th</sup> ERPC meetings. **As per this decision, post facto approval for GRIDCO expenditure would be taken in the ensuing ERPC meeting.**

Members may recommend to TCC for approval.

#### **Deliberations in the Meeting**

- Members noted the updated position of receipt and payment of Reactive Energy Charges in the pool.
- Further, it was decided that ERLDC in the coming TCC would submit a tentative schedule of holding 4 nos. of Workshops on Black Start and Restoration Procedure and 3 nos. of Workshop on emerging technical issues.

#### **d. TRANSFER TO POWER SYSTEM DEVELOPMENT FUND (PSDF)**

As submitted by ERLDC, the status of fund transferred to PSDF so far is enclosed in **Annexure III**.

This is for information to the members.

#### **Deliberations in the Meeting**

Members noted.

#### **ITEM NO.3 NON RECEIPT OF SEM DATA FROM JSEB**

Since 22.02.10, SEM readings from JSEB substations for JSEB tie lines are not being received at ERLDC. The matter had been discussed in various fora of TCC/ERPC wherein it was intimated by JSEB that they are taking expeditious action in this regard.

In the last ERPC (19<sup>th</sup>) meeting, JSEB assured that SEM data would be made available at ERLDC on and from 15.10.2011.

JSEB may inform whether data is being made available at ERLDC.

### **Deliberations in the Meeting**

- JSEB representative was not present.
- ERLDC informed that the requisite data are being received since the last 3 weeks.

## **ITEM NO.4 METERING ARRANGEMENTS OF VARIOUS IPPS**

### **a. MEJIA – B POWER STATION**

- In the 16th ERPC meeting it was decided that Mejia – B shall be considered as a separate control area and its scheduling shall be done by ERLDC as per the provisions of IEGC.
- Metering requirement of the power station had been examined and proposed metering scheme of Mejia - B had been forwarded to DVC, who in consultation with CTU would finalize installation of meters.

One nos of SEM (as Check meter) each at Mejia-B end of both the 400 KV outgoing Feeders, 02 nos of SEMs (as Standby) at EHV side of GTs, 02 nos of SEMs (as standby) at EHV side of Station transformer was required to be installed. Thus total 06 nos of SEMs were required to be installed.

In the last CCM (18<sup>th</sup> on 05.09.11),

- PGCIL representative informed that all meters required for metering of Mejia-B power station except for one meter at Jamshedpur feeder (Mejia-B end) had been installed.
- ERLDC requested for the CT/PT ratio from PGCIL This was provided to ERLDC by PGCIL in the meeting.
- ERLDC requested DVC representative to provide a set of data from the meters to check for compatibility.

DVC may intimate the latest status of installation of meters.

### **Deliberations in the Meeting**

- POWERGRID confirmed the installation of main meters.
- The status of the check meter installation would be conveyed to ERPC Secretariat by POWERGRID before the ensuing TCC meeting.

Member Secretary I/C informed that as per the decision in the last ERPC meetings SEL, MPL and Mejia B were to ensure availability of communication with ERLDC by 30.11.2011, pending which the schedule from these stations were to be curtailed. As none of these stations have implemented requisite communication with ERLDC Member Secretary I/C requested ERLDC to prepare a curtailment plan to limit generation from these stations.

### **b. SEL (STERLITE ENERGY LIMITED)**

- The metering requirement at Sterlite had been re-examined in a meeting with ERPC, ERLDC & SEL at Jharsugda on 23.05.2011.

- It had been decided in the meeting that SEM should be installed on HV Side as well as LV Side of each ICT, CPP to Budhipadar connection at VAL end, which has to be arranged by SEL.
- Further 02 nos of L&T make ABT meter was required to be installed on the VAL-Budhipadar feeder at Budhipadar end.
- For UI energy accounting purpose, 02 nos of SEM were required to be installed (One SEM each at EHV side of GT & Station transformer).
- Thus total 08 nos of SEMs were required to be installed at Sterlite.

The L&T make ABT meters were to be provided and installed by POWERGRID. POWERGRID would also arrange for 02 no DCDs to enable downloading of data from these meters. SEL shall arrange to send all the ABT meter readings on weekly basis (by every Monday) to ERLDC.

In the last CCM (18<sup>th</sup> on 05.09.11),

- SEL representative was absent.
- ERLDC informed that meters have been installed for Units and the 400 KV side.
- Meters have been not yet provided on the 220 KV side.
- GM, ERLDC informed that part data from SEL is being received.

SEL may inform the status in respect of completeness of the metering arrangement. ERLDC may confirm receipt of data.

### **Deliberations in the Meeting**

- SEL representative was not present.
- ERLDC informed that all the 8 meters on 220 KV site have been installed. However, there is mis-match of data formats. This has been informed to SEL by ERLDC for rectification.

#### **c. 66 KV RANGIT – RABANGLA LINE**

- During the last standing committee meeting, approval was accorded for converting 66 KV Rangit –Melli line to (i) 66 KV Rangit – Rabangla line and (ii) 66 KV Rabangla--Melli line.
- Sikkim/Powergrid were to initiate action for shifting of Melli end meter to Rabangla and Sikkim was to arrange for sending of Rabangla end data for UI computation purpose.

In the last CCM (18<sup>th</sup> on 05.09.11),

PGCIL informed that they have not received CT/PT details from Sikkim yet. PGCIL also requested Sikkim to nominate a nodal officer for coordination in this regard. Sikkim assured that they would provide CT/PT ratio and name of nodal officer to PGCIL in one week.

It was decided that if the meters at Melli end were found suitable then PGCIL would shift them to Ravangla, else, they would provide new meters at Ravangla.

It is understood, that Sikkim has already intimated to PGCIL the required information.

PGCIL may intimate the status of installation/shifting of meters and Sikkim may inform the status of sending of data to ERLDC.

### **Deliberations in the Meeting**

POWERGRID informed that the necessary installations had been completed on 30.11.2011.

#### **d. INSTALLATION OF METER AT BIDHANNAGAR**

400 KV PPSP – Durgapur line was made LILO at Bidhannagar in WBSETCL. With this, the new Tie line became as 400 KV Bidhannagar- Durgapur. SEM is required to be installed at Bidhannagar end for UI accounting.

In the last TCC (19<sup>th</sup>) meeting, TCC member from WBSETCL assured that the matter will be resolved within a week's time.

WBSETCL representative may inform the status of installation of meter and status of data being made available to ERLDC.

### **Deliberations in the Meeting**

It was informed in the meeting that the necessary installation at Bidhannagar had been completed on 19.11.2011.

#### **ITEM NO.5 OPENING OF LC BY ER CONSTITUENTS FOR UI PAYMENTS**

As per the requirement of Unscheduled Interchange charges and related matters (Amendment) Regulations, 2010 issued by CERC vide notification No. L-1(1)/2009-CERC dated 28th April, 2010 (effective from 03.05.10) the BSEB & JSEB are required to open LC for requisite amount.

ERPC Secretariat had earlier also intimated to BSEB and JSEB on vide letter dated 13.09.2011 in this regard.

In the last TCC (19<sup>th</sup>) meeting, JSEB assured that they have taken necessary steps and the LC would be opened within fifteen days. BSEB informed that they are examining the issue and will take necessary action.

ERPC Secretariat had informed that opening of LC is a regulatory requirement and CERC is continuously monitoring this. In recent CERC hearing on BSEB's outstanding UI dues, CERC asked BSEB to open LC immediately.

*As provided by ERLDC, the LC amount to be opened by BSEB and JSEB is given in Annexure—IV*

BSEB and JSEB may intimate status of opening of LC.

### **Deliberations in the Meeting**

- BSEB and JSEB representatives were not present in the meeting. *It was decided to inform the TCC members of JSEB and BSEB regarding this issue.*
- ERLDC informed that as MPL has started default in making of UI payment, MPL is also required to open LC. The quantum as ascertained by ERLDC would be conveyed to MPL.
- ERLDC further informed that as required by CERC, they have already furnished the status of opening of LC during the past period.

**ITEM NO.6 NON-RELEASE OF PAYMENT TOWARDS SERVICE CHARGES FOR MAINTENANCE OF EMS/ SCADA SYSTEM –7<sup>th</sup> & 8<sup>th</sup> QUARTERS’ BY FOLLOWING CONSTITUENTS:**

LTSA( Long term Service Agreement) contract for EMS/SCADA system installed at all control centres (ERLDC ,WBSETCL, OPTCL, DVC, JSEB, BSEB & Sikkim) was awarded to M/s Areva India T & D Ltd. on 15th January 2010 by ERLDC.

Status of payment due is as below:

Sl.No.	Name of Constituent	Quarter	Period	Bill Amount (Rs.)	Due Date
1.	BSEB	8 <sup>th</sup>	18.10.11 to 17.01.12	14,86,542	17.10.11
2.	SIKKIM	7 <sup>th</sup>	18.07.11 to 17.10.11	49,432	17.07.11
		8 <sup>th</sup>	18.10.11 to 17.01.12	49,432	17.10.11

BSEB, Sikkim may intimate the status of payment.

**Deliberations in the Meeting**

- BSEB and Sikkim representatives were not present.
- It was decided to bring this issue before the members of TCC in the ensuing meeting.

**ITEM NO.7 FIBRE OPTIC CONNECTIVITY IN EASTERN REGION**

In the last CCM (18<sup>th</sup> on 05.09.11),

- PGCIL informed that process of management approval is in advanced stage and may be completed in a week’s time.
- NIT is expected to be floated in October’ 11.

Powergrid may inform the latest status.

**Deliberations in the Meeting**

It was informed by POWERGRID that NIT has been floated on 23.11.2011 and the same would be opened on 13.01.2012.

**ITEM NO.8 LESS REGISTRATION AT 132 KV MAITHON-JAMTARA TIE FLOW FROM 23.09.2007 TO 03.12.2007**

Pursuant to the decision of 18<sup>th</sup> ERPC meeting, a meeting was held on 20.07.2011 in Ranchi in which both JSEB and DVC accepted the formula for calculation of correct meter readings. The payment settlement by adjustment of JSEB UI receivables was also agreed upon.

Accordingly, DVC had started receiving payments from JSEB by adjustment of JSEB UI receivables and shown in the UI Account beginning from the week 1<sup>st</sup> Aug, 2011.

The total amount receivable by DVC has been completely adjusted in the week ending 25.09.11

**Deliberations in the Meeting**

Members expressed satisfaction over the successful closing of the outstanding issue.

**ITEM NO.9 IDENTIFICATION OF NON-ISTS LINES CARRYING INTER ---STATE POWER IN RESPECT OF SHARING OF ISTS CHARGES AND LOSSES AS PER NEW REGULATIONS OF CERC.**

In the last ERPC (19<sup>th</sup>) meeting, members made a detailed deliberation and the following decisions were taken unanimously:

- ERPC Secretariat shall convene a special Commercial Sub-Committee meeting on 10.10.2011 to sort out the diverging interpretation on the identification procedure.
- Thereafter, ERLDC will make the system study to identify the non-ISTS lines of ER.
- The entire exercise shall be completed in such a way that the deadline for submission of necessary information to NLDC/Implementation Agency (IA) by 30.11.2011 is adhered to.
- ERPC Secretariat shall write to NLDC/IA requesting extension of the deadline by two months at least.
- ERPC secretariat will write to NLDC/IA to evolve a common methodology for identification of non-ISTS lines.

A special commercial subcommittee meeting was held at ERPC on 10.10.2011 to deliberate the issue in detail. Minutes of the meeting were circulated vide ERPC letter no-ERPC/COM-I/GEN/2011/5324-55 dated 15.11.2011. Based on the discussions held therein ERPC Sectt vide letter no ERPC/COM-I/IC/2011/4790-91 dated -31.10.2011 addressed to GM, NLDC and Coordinator, Implementation Committee, has apprised the Implementing Agency about the concerns of eastern regional constituents. Also, clarifications regarding the issues highlighted by ERPC have been sought. Copy of the letter has also been circulated among the constituents vide ERPC Sectt letter no ERPC/COM-I/GEN/2011/5292-5223 dated 15.11.2011.

Response from Implementing Agency is awaited.

**This is for information of the members.**

**Deliberations in the Meeting**

Members noted the letters issued by ERPC Secretariat to GM, NLDC and Co-ordinator, Implementation Agency in compliance with the decision taken in the last ERPC meeting. Members also noted that in the 1<sup>st</sup> amendment of CERC (Sharing of Inter-State Transmission Charges and Losses)(1<sup>st</sup> Amendment ) Regulation 2011, notified on 24.11.2011, issues raised by ERPC have not been addressed.

ERPC Secretariat further informed that it had received a letter from NLDC dated 22.11.2011 regarding submission of details of non-ISTS lines.

After deliberation, members decided to refer the issue to TCC and ERPC for further advice.

#### **ITEM NO.10 TESTING OF SPECIAL ENERGY METERS AT BINAGURI**

In the last Commercial Sub Committee Meeting (18<sup>th</sup>), PGCIL informed that testing of SEM at Binaguri would be done in the month of October-11. Before testing, they would inform PTC who, in turn, would coordinate with Tala Authorities.

PGCIL may intimate latest status.

##### **Deliberations in the Meeting**

POWERGRID informed that the testing kit has become defective and is under repair now. The work will be undertaken once the repaired kit is received. POWERGRID was informed to complete the testing before the ensuing TCC meeting and inform the TCC members about the status.

#### **ITEM NO.11 REPLACEMENT OF CHECK METER OF 400 KV TALA-BINAGURI FEEDER-4 AT TALA END**

In the last CCM (18<sup>th</sup> on 05.09.11), it was decided that PGCIL, on receipt of written request from PTC, would undertake and complete the replacement work within one month. The cost incurred by PGCIL in this respect would be fully reimbursed by PTC.

PTC vide their letter dated 16.09.2011 to GM (O&M), PGCIL (with a copy to this office) had requested for cost estimates for replacement of the check meter.

PGCIL may inform the latest status.

##### **Deliberations in the Meeting**

In the absence of PTC representative, the items could not be discussed. It was decided to refer the issue to TCC.

#### **ITEM NO.12 SUBSTATION EQUIPMENT FOR DISASTER MANAGEMENT/ERS SUBSTATION IN EASTERN REGION**

In the last CCM (18<sup>th</sup> on 05.09.11),

- PGCIL informed that CERC had again raised queries on cost benefit analysis and social impact issues in August-11.
- Replies from PGCIL have been furnished on 02.09.2011.

Powergrid may inform the latest status.

##### **Deliberations in the Meeting**

POWERGRID informed that necessary CERC order is expected shortly.

#### **ITEM NO.13 PROCUREMENT OF LAPTOPS/DCDS BY PGCIL FOR MALBASE S/S AND AS SPARE**

In the last CCM (18<sup>th</sup> on 05.09.11),

- PGCIL representative informed that bid evaluation is going on.
- Order is likely to be placed within ten days and delivery is expected to start from 10<sup>th</sup> Oct-11.
- PGCIL expressed concern regarding frequent malfunctioning of DCDs at Malbase.
- Until now, a total of 4 nos DCDs had been made available to Malbase and all of them have malfunctioned.
- However, PGCIL assured that , after delivery of new DCD/Laptops, Malbase would be provided as per its requirement.
- During discussion of this agenda item ERLDC informed that 15 minutes data from Hydro stations of Bhutan were not being made available to them and requested PTC to take up the matter with respective Hydro Station Authorities.
- PTC informed that they would take up these issues in a meeting scheduled with Bhutan Hydro Station Authorities.

Powergrid may inform,

- Status of delivery of DCDs/Laptops
- Status of provision of DCDs/Laptops to Malbase S/S
- In view of AMR technology being adopted by eastern region future requirement of DCDs

PTC may inform,

- Whether 15 minutes data from Bhutan Hydro Stations are being made available at ERLDC

### **Deliberations in the Meeting**

POWERGRID informed that order for the Laptops has been placed on 01.12.2011. Delivery is expected within 1½ months. Regarding the provisions of DCDs / Laptops to Malbase S/s and furnishing of 15 minutes data from hydro stations to ERLDC, PTC vide letter dated 01.12.2011 has informed that the matter would be taken up with Bhutanese authority during the proposed meeting of PTC with them in the month of December 2011 / January 2012. PGCIL and ERLDC informed that the DCD's and Laptops were required in future to ensure back up incase of failure of AMR system.

### **ITEM NO.14 ULDC SYSTEM – SIGNING OF MOU FOR AMC OF WIDEBAND COMMUNICATION AND AUXILIARY POWER SUPPLY SYSTEM.**

In the last ERPC (19<sup>th</sup>) meeting, BSEB informed that they would sign the MoU for AMC of wideband communication and Auxiliary Power Supply System within a fortnight.

JSEB informed MoU for Wideband communication would be signed within a day or two.

BSEB and JSEB may inform the latest status of signing of MoU for AMC of wideband communication and Auxiliary power Supply.

### **Deliberations in the Meeting**

POWERGRID informed that both BSEB and JSEB have already signed the MOU for AMC of Wideband Communication and Auxiliary Power Supply System.

### **ITEM NO.15 IMPLEMENTATION OF AUTOMATIC METER READING IN EASTERN REGION**

In the 18<sup>th</sup> ERPC meeting,

It was decided that the project would be implemented by PGCIL and the cost (Rs 3.6 Cr approx including AMC for 5 years for 115 meter locations) would be recovered as per procedure of sharing of meter costs.

However, the cost of AMR for the IPPs would be borne by the respective owners.  
In the last CCM (18<sup>th</sup> on 05.09.11),

- PGCIL informed that they have tied up with M/s Wipro for a demonstration project at Subhasgram S/S.
- During this process it was discovered that the L&T meters were not modbus protocol enabled.
- However, L&T has informed that they are ready to share the modbus protocol if PGCIL, L&T and the implementing party enter into a legal tripartite agreement to regulate the sharing of the protocol.
- PGCIL informed that there would be no additional cost implications for modbus protocol compliance.
- GM, ERLDC requested that the L1 party for the purchase of current lot of meters may be impressed upon to share modbus protocol.
- Further, in future, any purchase of meters may include this as criteria (modbus protocol enabled) in the tendering stage itself.

ERLDC pointed out in the ERPC (19<sup>th</sup>) meeting that instead of modbus protocol, meters will be of IEC-1107 protocol. With this modification the TCC had endorsed the views of 18th Commercial Sub-Committee Meeting. PGCIL had informed that a demonstration will be given by M/s Wipro on 26.09.2011.

PGCIL may inform,

- The results of the demonstration project
- Whether L&T has agreed to share the IEC-1107 protocol
- Whether the L1 for the current lot of meters has agreed to share the IEC-1107 protocol.
- Further course of action.

### **Deliberations in the Meeting**

POWERGRID informed that demonstration was organized on 26.09.2011. Offers from M/s WIPRO have also been received. The approximate estimate is Rs.4 crores. L&T has agreed to share the IEC 1107 protocol once the tripartite agreement is signed and necessary order is placed. POWERGRID also informed that NIT for the same is expected to be floated by 31.03.2012. Powergrid assured that the current lot of meters to be received by them would also be IEC 1107 compatible.

## **ITEM NO.16 PROLONGED SHUT DOWN OF 400 KV MAITHON-JAMSHEDPUR LINE**

Shutdown of 400 KV Maithon-Jamshedpur S/C was allowed from 18.06.11 for erection of multi circuit tower in Dalma Hill region.

In the 67<sup>th</sup> OCC meeting PGCIL informed that the line would be restored by 31.10.2011. However, it is understood that the line has not been restored.

PGCIL may inform the restoration status.

Members may deliberate on the issue of certification of availability of this line.

### **Deliberations in the Meeting**

It was decided that the status would be monitored in the OCC meeting. POWERGRID hoped that the work would be completed by this calendar year.

### **ITEM NO.17 UPDATION OF CT/PT RATIO**

The meter details along with the CT/PT ratio has been uploaded at ERLDC website (www.erldc.org). Constituents are requested to verify their respective CT/PT ratio and point out to ERLDC/ERPC in case of any discrepancy.

Members may please note.

### **Deliberations in the Meeting**

Members noted.

### **ITEM NO.18 DECLARATION OF COD OF PGCIL ELEMENTS**

Commercial declaration of Transmission assets associated with Eastern Region Strengthening scheme-II.

1. POWERGRID has declared the COD of 400 KV, 125 MVAR Bus Reactor and shifting of 3No 63 MVAR Reactors at 400 KV Siliguri S/S w.e.f 01.11.2011.
2. POWERGRID has declared the COD of 400 KV, 125 MVAR, Bus Reactor-I at New Purnea S/S w.e.f 01.10.2011.

Powergrid is requested to provide for the above elements, the relevant information in approved format.

This is for information of members.

### **Deliberations in the Meeting**

Powergrid supplied the necessary information which is at **Annexure-V**. Members noted.

### **ITEM NO.19 DRAFT COMMERCIAL SUB-COMMITTEE MEETING REGULATION**

The draft CBR of ERPC Commercial Sub-Committee meetings had been circulated earlier. Comments have been received from NTPC, OHPC and WBSEDCL. The relevant sections with comments are at Annexure---V of Agenda.

Members may discuss.

### **Deliberations in the Meeting**

Members thoroughly discussed the draft regulations and whereas some points were approved some others were requested to be amended. The final draft agenda incorporating views of the members is at **Annexure-VI**. Members referred to TCC the case of finalization of CBR of Commercial Sub Committee.

## **ITEM NO.20 SPLITTING OF 400KV KAHALGAON STPS BUS BY NTPC**

This issue had been re-discussed in the last TCC meeting, wherein NTPC informed that bus splitting is possible at Kahalgaon STPS and approximate cost involvement would be around Rs. 60-70 crores.

In the 67<sup>th</sup> OCC, NTPC informed that their engineering team had suggested that bus splitting is possible at Kahalgaon with an approximate cost involvement of Rs. 60-70 crores. NTPC had further added that in order to proceed further, cost approval from beneficiaries would be required and if constituents agree, then they would put the matter before CERC.

Superintending Engineer (Commercial), ERPC in the meeting suggested that as beneficiaries of Kahalgaon STPS-I and STPS-II are from diverse regions, the matter should be discussed and vetted in the appropriate levels of other regions also. NTPC agreed.

The issue was referred to Commercial sub-Committee by 67<sup>th</sup> OCC for further deliberation.

Members may discuss.

### **Deliberations in the Meeting**

It was informed by ERPC Secretariat that the Standing Committee of CEA has recommended splitting of 400 KV Kahalgaon STPS bus due to high fault level. Similar recommendations have also been made for three other sub-stations.

After thorough discussion, it was decided to recommend to TCC to empower NTPC to go ahead with the bus splitting at Kahalgaon with approximate cost of 60-70 crores.

NTPC would approach CERC for its approval for capitalization of this cost. This cost would be apportioned among the beneficiaries of Kahalgaon Stage-I and Stage-II in the ratio of CERC approved project cost of Kahalgaon Stage-I and Stage-II.

Commercial Sub-Committee also recommended that the approval from the other regions may be obtained by NTPC from concerned regions.

## **ITEM NO.21 NON RECEIPT OF DATA FROM GEYLEPHU**

In the last CCM (18<sup>th</sup> on 05.09.11), ERLDC informed that,

- Though SEM is already installed at both end of 132 KV Salakati - Geylephu line at present only Salakati end reading is being received by ERLDC but Geylephu end reading is not being received since long.
- ERLDC also requested that one nodal person be deputed for data sending.
- ERLDC requested PTC to ensure that 15 minutes meter reading from Gelephu end of 132 KV Salakati - Geylephu line is got sent at their end.
- PTC had informed that they wo take up this issue with respective authorities and get this issue settled.

PTC may inform the latest status in this regard.

### **Deliberations in the Meeting**

PTC vide letter dated 01.12.2011 has informed that the matter would be taken up with Bhutanese authorities during the proposed meeting of PTC with them in the month of December 2011 / January 2012.

## **PART B: NEW ITEMS**

### **ITEM NO.22 NOMINATION OF MEMBER SECRETARY I/C TO PSDF MANAGING COMMITTEE**

Subsequent to the transfer of Shri A.K Rampal, who was holding the post of Member Secretary, ERPC Shri A.K.Bandyopadhyaya Member Secretary I/C had been nominated to the Managing Committee of PSDF vide ERPC Sectt letter dated 31.010.2011, subject to ratification in the ensuing ERPC Meeting.

This is for the information of the members.

#### **Deliberations in the Meeting**

Members noted.

### **ITEM NO.23 NOMINATION TO COORDINATION COMMITTEE OF REVENUE SHARING AGREEMENT**

It has been intimated to PGCIL vide ERPC Sectt letter dated 25.10.2011 that as per the decision in the 19<sup>th</sup> TCC/ERPC meetings held on 23-24.09.2011 the issue of nomination for the Coordination Committee shall be taken up only after all the ER constituents have signed the TSA.

This is for information of members

#### **Deliberations in the Meeting**

Members noted.

### **ITEM NO.24 SURRENDER OF POWER BY DELHI**

Department of Power, Govt. of NCT Delhi had vide their letter dated 03.10.2011 and subsequently another letter dated 25.10.2011 (with a copy to this office) had desired to surrender power from its share of NTPC Eastern Regional stations from November-11 to February-11. Copies of these communications were forwarded to the Eastern Regional Constituents for information and necessary action vide ERPC Sectt letter dated 12.10.2011 and 03.11.2011.

This is for information of the members

#### **Deliberations in the Meeting**

ERPC Secretariat informed that West Bengal and Bihar had already communicated to MoP regarding availing of surrendered power by NCT, Delhi.

During the deliberation members felt that since surrendered power is from the ISGS of the Eastern Region, so Eastern Regional constituents should have highest priority regarding the allocation of this power.

Commercial Sub-Committee unanimously recommended to TCC and ERPC to take a suitable resolution in this regard and send it to MoP, GoI and CEA. NTPC added that necessary agreement with NTPC is required to be signed at the earliest once the allocation is made by MoP.

## **ITEM NO.25 AVERAGE COST OF SALE OF POWER FOR EACH MONTH FOR GENERATING STATIONS IN EASTERN REGION**

The Electricity Act, 2003 envisages efficient and economic operation of the power system. ERPC Sectt is from time to time required to send information/data to CEA/MoP regarding various matters (technical/commercial, etc) concerned with the generation, transmission of power in the eastern region required for various policy issues. It is proposed that all the generating companies shall submit to this office the average cost and quantum of power sold for each month. The format of supply of information is attached at **Annexure---VII**

Members may discuss and agree.

### **Deliberations in the Meeting**

After deliberation, NTPC, DVC and MPL informed that the requisite information would be furnished as and when required by ERPC but not on regular basis.

## **ITEM NO.26 AGENDA BY NHPC**

### **a. Revalidation/Enhancement of Letter of Credit**

BSEB has not enhanced the Letter of Credit (LC) from Rs 7.85 Cr to Rs 10.39 Cr despite lot of correspondence done in this regard.

### **b. Outstanding Dues Exceeding 60 Days**

Outstanding dues exceeding 60 days as on 22.11.2011 in respect of BSEB is as under:

<b>Beneficiary</b>	<b>Total outstanding (Rs in Crore)</b>	<b>Outstanding (Rs. In Crore) over 60 days</b>
BSEB	34.27	14.67

**NHPC may further explain**

### **Deliberations in the Meeting**

In the absence of representation from NHPC and BSEB, the agenda items could not be discussed.

## **I. Additional Agenda submitted by GRIDCO**

### **A. SUBMISSION OF COAL DATA BY NTPC**

Details agenda is given at **Annexure --VIII**

### **Deliberations in the Meeting**

NTPC informed that requisite data as agreed in the ERPC forum are being furnished to GRIDCO on regular interval. Regarding furnishing of data duly signed by Auditor, it was informed by NTPC that the furnishing signature of Auditor in the periodic report is not possible.

GRIDCO accepted the same.

**B. USE OF IMPORTED COAL BY NTPC WITH HIGH CALORIFIC VALUE**

Details agenda is given at **Annexure-VIII**

**Deliberations in the Meeting**

NTPC clarified that the issue has been previously raised by GRIDCO in ERPC forum wherein NTPC had in detail explained that the proposal of GRIDCO was not possible.

**II. Additional Agenda submitted by WBSEDCL**

**SURRENDER OF LONG TERM ACCESS (LTA) OF 50 MW IN ER GRID FOR PURCHASE OF POWER FROM DVC MEJIA-V BY WBSEDCL**

Details agenda is given at **Annexure -IX**

**Deliberations in the Meeting**

ERPC Secretariat brought into attention of the members regarding proposal of surrendered LTOA of 50 MW power by WBSEDCL from Mejia V of DVC. After deliberation WBSEDCL was requested to adhere to the CERC regulations in this respect including the issue of de-allocation of this power from CEA.

**III. Additional Agenda submitted by ERLDC**

**INFIRM POWER GENERATION BY DURGAPUR TPS OF DVC AND FSTPP UNIT # 6 OF NTPC**

Details agenda is given at **Annexure -X**

**Deliberations in the Meeting**

ERPC Secretariat brought into the attention of the members regarding the letters issued by GM, ERLDC dated 28.11.2011 to DVC and FSTPP, NTPC for taking necessary action for obtaining grant of connectivity from CTU as the infirm power being injected by these units are in violation of existing CERC regulations.

DVC informed that the issue has already been taken up with PGCIL and expected to be resolved with a few days.

NTPC informed that there are some issues regarding requirement of connectivity for FSTPP Unit#6 which they would take up with PGCIL for clarification

ERPC Secretariat emphasized that in case of instruction issued by ERLDC regarding stoppage of infirm generation, ERPC Secretariat would not account for the power injected by these units in the grid as infirm generation.

**IV. Additional Agenda submitted by DVC**

**A. EVACUATION / SCHEDULE OF POWER FROM DVC'S GENERATING UNITS AT MTPS U # 5 & 6 AND CTPS U # 7 & 8 TO THE BENEFICIARIES**

Details agenda is given at **Annexure-XI**

### **Deliberations in the Meeting**

During deliberation, ERPC Secretariat emphasised that grant of LTOA is the primary responsibility of CTU as per the existing CERC regulations. Unless ERPC Secretariat receives a letter along with documents from CTU in this regard, it would not be possible to reflect the same in any accounting done by ERPC Secretariat.

### **B. POWER SUPPLY AT 400 KV BPRS AT JAMSHEDPUR OF DVC**

Details agenda is given at **Annexure -XII**

### **Deliberations in the Meeting**

It was informed by ERPC Secretariat that in view of the urgency of the issue, the same was discussed in the Protection Sub-Committee meeting held on 24.11.2011 wherein Protection Committee recommended for accepting the arrangement as proposed by DVC.

In the Commercial Sub-Committee meeting, DVC agreed to share the transmission charges for the proposed 400 KV D/C Transmission line between Baripada and Jamshedpur BPRS S/s of DVC till the original scheme is in place. DVC requested POWERGRID to expedite the completion of construction as per the original scheme.

Commercial Sub-Committee members recommended to TCC for accepting the DVC proposal.



## Annexure - I

## SUMMARY OF UI RECEIPT AND PAYMENT STATUS

BILL UPTO 06.11.2011 (Week - 32 of 2011 - 12)

Last Payment Disbursement Date - 17.11.11

Figures in Rs. Lakhs

CONSTITUENTS	Receivable	Received	Payable	Paid	Outstanding
WR	597.48433	634.06517	36212.43743	28374.64495	-7874.37332
SR	4505.45461	3745.24763	3204.14856	3218.58452	774.64294
NER	1738.81381	1674.21653	7396.29237	7244.36057	-87.33452
NR	59119.59846	36582.39140	771.33048	548.26930	22314.14588
BSEB	1292.74246	1292.74246	13458.81996	9887.61535	-3571.20461
JSEB	1475.59442	1475.59442	10570.82968	6421.95411	-4148.87557
DVC	22794.42267	22794.42267	4781.40333	2604.99043	-2176.41290
GRIDCO	2720.42633	2720.42633	16109.23278	14428.52187	-1680.71091
WBSETCL	12381.27732	12127.59129	14204.51006	13489.27153	-461.55250
Sikkim	1005.15875	1005.15875	4275.84146	3995.06968	-280.77178
NTPC	5584.84696	5584.84696	5681.08384	3223.87327	-2457.21057
NHPC	0.00000	0.00000	1226.81896	1137.32593	-89.49303
MPL	2752.57996	213.69201	1995.80517	1995.80517	2538.88795
STERLITE	9749.66033	9749.66034	1844.97377	1356.96889	-488.00489
Pool Balance	0.00000	0.00000	1842.06024	1061.96285	-780.09739
Additional UI charge	2244.29886	688.78889	0.00000	0.00000	1555.50997
Transfer to IRE	0.00000	0.00000	-110.61037	0.00000	110.61037
<b>TOTAL</b>	<b>125718.06041</b>	<b>99600.05596</b>	<b>123464.97772</b>	<b>98989.21842</b>	

% Realization

79.22

As on 17.11.11

Receivable:

Receivable by ER POOL

Payable

Payable by ER POOL

Received

Received by ER POOL

Paid

Paid by ER POOL

"- ve" Payable by ER pool

"+ ve" Receivable by ER pool

**STATUS OF REACTIVE CHARGES IN ER REACTIVE POOL AS PER PUBLISHED A/C UPTO 04.09.2011  
AS ON 13.09.11**

Figures in Rs

CONSTITUENTS	2003-04		2004-05		2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		TOTAL	
	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED	RECEIVABLE	RECEIVED
BSEB	0	0	0	0	0	0	284950	0	0	0	0	0	0	0	0	284950			284950	284950
DVC	6593	6593	86391	86391	264138	264138	0	0	0	0	0	0	0	0	0	0			357122	357122
GRIDCO	0	0	0	0	0	0	0	0	0	0	223311	223311	0	0	0	0			223311	223311
WBSEB	1778848	1778848	451090	451090	350045	350045	3519490	3519490	881058	881058	3716019	3716019	3431470	3431470	1273089	1273089	0	0	15401109	15401109
UPPCL	0	0	0	0	0	0	28575	8465	0	0	0	0	0	0	0	0			28575	8465
<b>TOTAL</b>	1785441	1785441	537481	537481	614183	614183	3833015	3527955	881058	881058	3939330	3939330	3431470	3431470	1273089	1558039	0	0	16295067	16274957

Total Received	16274957
Expenditure incurred for organising workshop on Black Start Procedure (4 SLDCs)	160000
Expenditure incurred for organising a seminar on Power Exchange on 17.07.08	290000
Expenditure incurred for organising seminar on "Reduction of Agreed technical & commercial Loss-Issues and Challenges " at Bhubaneswar on 05.12.08	184991
Expenditure incurred for organising workshop on Black Start Procedure at ERPC on 19.11.09	123028
Expenditure incurred for organising a seminar on Black Start on 18.04.09 at Hotel Big Boss	49050
Amount Retained in Reactive A/C	15467888
Waival of UPPCL amount on 14 th commercial sub committee meeting on 10.09.10	20110
<b>Amount Credited to reactive account due to TDS (2003-04 to 2007-08) on 25.11.10</b>	<b>402619</b>
Expenditure for SCADA Training at ERLDC ON 23.02.11	226115
Expenditure incurred for organising Blackstart workshop at ERPC on 24.06.11	174996
Expenditure incurred for organising Reliability workshop at ERPC on 18.07.11	89998
<b>Expenditure for organising workshop at GRIDCO, Bhubaneswar on 25.07.11 on FGMO</b>	<b>491782</b>
Expenditure for organising workshop at GRIDCO, Bhubaneswar on 26.07.11 on Black Start	125942
Net Retained in Reactive A/C	14741564
Proposed Expenditure for EMS training approved in 13th ERPC meeting	2725584
Proposed Workshop/Seminar on Transmission pricing, Power Exchange & FGMO	1508218
Proposed Workshop/Seminar on Black Start & Reliability	509064
Estimated Available Amount in the POOL	9998698

## ANNEXURE-III

<b>DETAILS OF DISBURSEMENT TO POWER SYSTEM DEVELOPMENT FUND</b>
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SI No	Nature of Amount	Amount transferred to PSDF (Rs Lakhs)	Date of Disbursement	Cheque No	Remarks
1	UI (Principal)	4976.07019	11.11.10	219865 to 219891	Capping of 2007 - 08
	UI (Principal)	12153.10284	11.11.10	219865 to 219891	Capping of 2008 - 09
	UI (Principal)	3430.79751	11.11.10	219865 to 219891	Capping of 2009 - 10
	UI (Principal)	3836.50702	11.11.10	219865 to 219891	Surcharge of 2009 - 10
	UI (Principal)	975.41106	11.11.10	219865 to 219891	Capping of 2010 - 11
	UI (Principal)	1314.55152	11.11.10	219865 to 219891	Surcharge of 2010 - 11
	<b>Total</b>	<b>26686.44014</b>			
2	UI (Interest)	1284.96601	19.11.10	219919 & 219920	Bank interest of 2009 - 10
3	UI (Principal)	581.47030	22.02.11	219990	Capping & Surcharge
4	UI (Principal)	487.14040	14.03.11	220021	Capping & Surcharge
5	UI (Interest)	200.00000	14.03.11	220021	Bank Interest for UI of 2010-11
6	Reactive (Interest)	6.16992	14.03.11	220021	Bank Interest for Reactive of 2010-11
7	UI (Principal)	202.29434	20.05.11	No Cheque	Capping of 2010 - 11
8	UI (Principal)	204.06337	20.05.11	No Cheque	Surcharge of 2010 - 11
9	UI (Principal)	1645.35624	20.08.11	No Cheque	Surcharge of 2010 - 11
	<b>Total</b>	<b>31297.90072</b>			

## ANNEXURE-IV

**2010-11: Letter of Credit (LC) Amount against UI charges***Figures in Lacs of Rupees*

ER Constituents	Total UI charges payable to pool during 2010-11 (A)	Average weekly UI liability (A)/52 weeks (B)	LC Amount 110% of (B)
BSEB	6590.62	126.74	139.42
JSEB	2951.66	56.76	62.44

**Annexure-V**

## A) 125 MVAR Bus Reactor -I at New Purnea under ERSS-II.

DOCO	01/10/2011
Name of Project	Eastern Region System Strengthening Scheme-II
Approved Cost	227.52 Cr. (Including IDC of Rs.14.66 Cr.)
Standing Committee-ER reference	22/06/2006 at Mirik, Darjeeling
EREB / ERPC Meeting reference	1 <sup>st</sup> TCC at Kolkata on 28/08/06 2 <sup>nd</sup> ERPC at Kolkata on 29/08/06 and 2 <sup>nd</sup> TCC at Kolkata on 09/02/07
Sharing of Transmission Charge	As per New Sharing methodology of PoC

## B) 125 MVAR Bus Reactor and Shifting 03 nos. 63 MVAR Reactors at Siliguri S/S under ERSS-II

DOCO	01/11/2011
Name of Project	Eastern Region System Strengthening Scheme-II
Approved Cost	227.52 Cr. (Including IDC of Rs.14.66 Cr.)
Standing Committee-ER reference	22/06/2006 at Mirik, Darjeeling
EREB /ERPC Meeting reference	1 <sup>st</sup> TCC at Kolkata on 28/08/06 2 <sup>nd</sup> ERPC at Kolkata on 29/08/06 and 2 <sup>nd</sup> TCC at Kolkata on 09/02/07
Sharing of Transmission Charge	As per New Sharing methodology of PoC

(COMMERCIAL SUB-COMMITTEE) REGULATIONS, 2011

[Dated March, 2011]

**General**

Drawing powers from the para (10) of the GoI Resolution, ERPC hereby makes the following Sub-Committee called “**Commercial Sub-Committee**” (herein after referred to as ‘CC’).

**1. Functions of CC:**

- 1.1 Commercial Sub-Committee(CC) shall discuss all commercial related issues viz. energy accounting, schemes required for inclusion in the Bulk Power Transmission Agreements, requirement of power from the new projects, installation of special energy meters and its cost sharing, etc., metering aspects, reviewing of the payments towards UI charges, treatment of transmission losses, commercial declaration of lines/substation, on request from CTUs, commercial issues in inter-state and inter-regional exchange of power, issues concerning settlement of payments among constituents, if any, etc. and any other matter referred by the TCC/ERPC.

**In the view of NTPC**

Only issues concerning multi party should be discussed and not bilateral issues.

**Deliberations in the Meeting**

It was clarified by ERPC Secretariat that bi-lateral issues only when referred to by both the parties are discussed in the meeting. As such, there is no need to explicitly write the same. However, NTPC insisted that their views should be incorporated. Others agreed with the views of ERPC Secretariat.

**2. Composition of Commercial Sub-Committee (CC):**

- 2.1 **Commercial Sub-Committee** shall comprise of one person (dealing with commercial matters) each from the constituent organisation of ERPC. The nominated representative shall be at the level of Chief Engineer or equivalent.

**In the view of OHPC**

The nominated representative of OHPC Ltd. shall be Asst. General Manager and above dealing with commercial matters.

**Deliberations in the Meeting**

ERPC Secretariat clarified that Assistant General Manager and above could be nominated by OHPC in the Commercial Sub-Committee. But there is no need to explicitly mention this in the regulation. All the members

agreed with the views of ERPC Secretariat.

**2.2** Member Secretary, ERPC shall be Chairperson of the CC

**2.3** Superintending Engineer of Secretariat shall be Convener of the CC.

### **PROCEDURE FOR CONDUCTING CC MEETING**

#### **3. Periodicity, Place and date of CC Meeting**

3.1 The meeting will be held at regular interval of about 4 months or earlier.

3.2 The place and date of the meeting will be decided by Member Secretary, ERPC in consultation with CC Member of host organisation. The meeting will generally be held in the area of operation of the host constituent.

#### **In the view of WBSEDCL**

All Commercial Sub-Committee meetings will be held in the ERPC Conference Room at Kolkata instead of in the area of operation of the host constituents.

As such, the Article-4 shall be modified accordingly.

#### **Deliberations in the Meeting**

Members unanimously endorsed the views of WBSEDCL that all the Commercial Sub-Committee meeting would be held at ERPC Conference Room at Kolkata.

Members after deliberation decided to delete the clause 4.1, 4.2 and 4.3

#### ***4. Hosting the CC meeting***

*4.1 At least 50% of Sub-Committee meetings will be hosted by member constituents by rotation at a venue within the operation boundary of the constituent.*

#### **In the view of OHPC & WBSEDCL**

*All commercial Sub-committee meetings may be hosted at ERPC HQ, Kolkata by ERPC.*

*4.2 All constituents will host jointly the remaining 'Sub-Committee Meetings' at ERPC HQ and incur the expenditure related with it.*

#### **In the view of OHPC**

*The remaining Sub-Committee meetings may also be hosted at ERPC HQ, Kolkata and the expenditure to it will be borne by ERPC.*

- 4.3 Meeting will be hosted by member organizations as per the roster finalized by CC. The host member organization shall incur its expenditure.

**In the view of OHPC**

All the commercial sub-committee meetings may be hosted by ERPC, Kolkata and not by Member Organization as per the roster finalized by CC. Also the ERPC may incur its all expenditure, not by member Organization of ERPC

**In the view of NTPC as per Para 4.1, 4.2, 4.3**

All meetings of the Commercial sub-committee meetings will be hosted at the ERPC HQ. However, if specifically needed, the sub-committee meetings may be hosted by member constituents at a venue within the operation boundary of the constituents as may be decided in CC meetings.

**9. Decision making and implementation**

- 9.1 All decision in the CC shall be taken by consensus on all issues relating to economy and efficiency in the operation of power system in the region. For other issues, efforts shall be made to evolve decision by consensus, failing which decision shall be taken by majority.

**In the view of WBSEDCL**

The decision, if not consensus, shall be referred to TCC for discussion.

**Deliberations in the Meeting**

Members decided to delete “failing which decision shall be taken by majority” from clause 9.1

WBSEDCL’s view was generally accepted by the members. However, NTPC felt that specific mention of referring the unresolved issues to TCC need not be mentioned.

**In the view of NTPC**

All decision in the CC shall be taken by consensus in line with decision in case of ERPC CBR.

- 9.2 ERLDC shall follow the decision of the CC concerning scheduling, despatch and operation of the regional grid, provided it is consistent with CERC Regulations/orders.
- 9.3 Each constituent must ensure the implementation of decision taken in the meeting.
- 9.4 Each constituent should *furnish* its “action taken report” on the decision taken by CC in its next meeting as also subsequent meeting(s).

**In the view of NTPC**

Each constituent should *inform* its “Action taken report” on the decision taken by CC in its next meeting as also subsequent meeting(s).

**Deliberations in the Meeting**

NTPC agreed with the wording of the clause 9.4.

**12. Confirmation of the Minutes**

Minutes of the CC meeting shall be placed in the next meeting for confirmation. However, in case of urgency the minutes may be confirmed by circulation.

**In the view of NTPC**

Since Commercial Committee decisions are implemented after ratification by RPC, the need of urgency is not clear. This provision may not be required.

**Deliberations in the Meeting**

After furnishing necessary clarification by ERPC Secretariat, NTPC decided not to insist with the amendment. However, members unanimously decided that the following sentence in clause 12 “However, in case ..... by circulation” be deleted.

**Average Cost of Power for the Month of .....Year.....of ISGS/IPPs/CPPs in Eastern Region.**

**Name of the Generating Station:.....**

<b>Long/Medium Term Volume</b>	<b>Average Monthly unit cost</b>	<b>Bilateral Sale Volume</b>	<b>Average Monthly unit cost</b>	<b>IEX/PXI sale volume</b>	<b>Average Monthly unit cost</b>
<b>MU</b>	<b>Rs/Kwh</b>	<b>MU</b>	<b>Rs/Kwh</b>	<b>MU</b>	<b>Rs/Kwh</b>

**Brief Note:****A. Submission of coal Data by NTPC**

In the 17<sup>th</sup> ERPC Meeting held on 16<sup>th</sup> /17<sup>th</sup> March-2011. It was resolved that NTPC should provide the data involving coal procurement and consumption in a specified format (Annexure-I). In addition to the information prescribed in the format, NTPC also agreed to provide the base price of different types of coal and detail information on linked coal and e-auction coal. As such NTPC has been providing the same from the month of April,2011 and onwards.

However, in the said meeting it was also decided that any further information required on coal data would be taken up in the Commercial sub-Committee Meeting. As such GRIDCO is raising the same issue herewith again as elaborated below:

That GRIDCO is facing a lot of queries from the Hon'ble Odisha Electricity Regulatory Commission due to huge amount of FPA bills claimed by NTPC. During a recent query regarding the matter the Hon'ble Commission had pointed out that NTPC should provide the figures for GCV of different types of coal viz. domestic, e-auction & imported etc. In addition to the overall weighted average GCV figure, as is being provided by it now, it is also proposed that the FPA claims of NTPC should be verified by statutory auditor and the copy of audit report should be provided by NTPC to each beneficiary once in a year.

**B. Use of Imported coal by NTPC with high Calorific Value.**

The above agenda item was introduced as mentioned below and deliberated vide Additional agenda items introduced by GRIDCO (ITEM NO.33) in the 18<sup>th</sup> Commercial sub-Committee meeting of ERPC.

"NTPC is blending imported coal with indigenous coal for optimizing the generation such that the plant load factor will be high.

Due to use of imported coal without any ceiling of blending, the FPA is so high that the cost per unit by the beneficiary at their bus is becoming more than Rs. 4.50p and sometimes it touches Rs.5.00p. Though NTPC claims the energy charges at cost plus, still it becomes unaffordable by the beneficiary States.

To overcome this, GRIDCO proposes the followings:-

- 1) The constituents are ready to pay the capacity charges as per the allocation.
- 2) In case only the indigenous coal is used by NTPC, it is to be found out the total possible generation, (let us say -X) and also the total generation after blending

with indigenous coal (Say-Y), (Y-X) is the increase in generation due to use of imported coal.

- 3) 'X' generation is to be allocated to the beneficiary states and the FPA to be calculated accordingly. The constituents who are willing to draw out of the extra generation, they have to bear the FPA for imported coal as per the drawal.

In case the above method is implemented, the beneficiary constituent can purchase power as per their capacity.

The Commercial Sub-Committee may deliberate on the issue."

Deliberation in the said meeting was as follows:-

" GRIDCO representative informed that blending of imported coal by NTPC is leading to increase in FPA and therefore they propose that the extra generation due to use of imported coal be treated differently and only those constituents pay for the extra generation who are willing to pay for the cost of imported coal.

NTPC representative informed that this was not practically feasible."

In this regard GRIDCO proposes for further discussion on the issue. NTPC may reconsider the issue as the cost of such power becomes unaffordable by the beneficiary states. The matter may please be discussed in the 19<sup>th</sup> Commercial sub-Committee meeting.

**ANNEXURE -IX**

**Copy of Memo No. PTR/ERLDC/3261(1) dated 30.11.2011 of WBSEDCL, PTR Cell, Salt Lake, Kolkata-700 091 addressed to the General Manager, ERLDC, POSOCO, Kolkata with a copy to Member Secretary I/C, ERPC, Kolkata & Others.**

**Sub: Surrender of Long Term Access (LTA) of 50 MW in ER grid for purchase of power from DVC Mejia-V by WBSEDCL.**

Sir,

DVC has not been scheduling **50 MW** power from its Mejia-V (actually 45.75 MW in CTU injection point) **with effect from 02.08.11**. But, WBSEDCL is **paying monthly** long term transmission charge to PGCIL regularly.

At the present scenario, **WBSEDCL intend to surrender** Long Term Access (LTA) of **50 MW in ER grid** for purchase of power from DVC Mejia-V with immediate effect.

Yours faithfully,

Sd/-

( M.S. Pal )  
**Chief Engineer (PTR)**

Ref : ERLDC/OA/2011/2911

Date: 28/11/11

To  
Chief Engineer (CLD),  
Damodar Valley Corporation  
P.O. Maithon Dam,  
Maithon.

**Sub : Infirm power generation by Durgapur TPS**

Sir,

It has been observed that Durgapur TPS was synchronized on 26/11/11 and is presently injecting infirm power into the ISTS Grid. In this regard, it needs to be noted that as per CERC regulations (Grant of Connectivity, Long Term Access, Medium Term Access) Regulations, 2009 injecting of infirm power for testing can be done only after grant of connectivity from CTU. Again as per the regulations, injection of infirm power shall be done for testing purposes only, after obtaining permission of the concerned Regional Load Dispatch Center which shall keep Grid security in view before permitting such interchange of infirm power with the ISTS Grid. This is as per Clause 8(7) of the above mentioned regulations.

Thus the present injection of infirm power by Durgapur TPS, without obtaining Grant of connectivity from CTU, is in contravention of CERC Regulations and needs to be stopped immediately. Also it needs to be noted that for such injection of infirm power for testing, prior permission of ERPLDC is essential. Durgapur TPS has been injecting infirm power into the Grid, without such prior permission of ERPLDC. This has also been discussed in the meeting between CTU, CEA, DVC and ERLDC held on 22<sup>nd</sup> November, 2011 wherein it was categorically stated by ERLDC that pending grant of connectivity, injection of infirm power would not be permissible.

It is therefore requested that grant of connectivity from CTU in respect of Durgapur TPS may please be obtained, failing which ERLDC would be constrained to advise DVC to stop injection of infirm power from Durgapur TPS DVC may kindly ensure compliance of the above immediately. The same is essentially required to avoid any complications which may arise due to violation of CERC regulations, as stated above.

Thanking You,

(U.K.Verma)  
General Manager

Ref : ERLDC/OA/2011/2910

Date: 28/11/11

To  
General Manager  
Farakka Super Thermal Power Project,  
National Thermal Power Corp.  
Farakka.

**Sub: Infirm power generation by FSTPP Unit#6**

Sir,

It has been observed that FSTPP Unit#6 is presently injection infirm power into the ISTS Grid. FSTPP Unit#6 (Stage-III), is deemed to be a separate control area with separate scheduling and accounting and the allocation of power from FSTPP Unit#6 also differ from FSTPP Stage-I & II (Unit#1 to #5). Hence, it is necessary that FSTPP Unit#6 be treated as a control area separate from that FSTPP Stage-I & II. Consequently, it arises that FSTPP Unit#6, has to obtain separate grant of connectivity from CTU. In this regard, it needs to be noted that as per CERC regulations (Grant of Connectivity, Long Term Access, Medium Term Access) Regulations,2009, injecting of infirm power for testing can be done only after grant of connectivity from CTU. Again as per the regulations, injection of infirm power shall be done for testing purpose only, after obtaining permission of the concerned Regional Load Dispatch Centre, which shall keep Grid security in view before permitting such interchange of infirm power with the ISTS Grid. This is as per Clause 8(7) of the above mentioned regulations.

Under the above circumstances, FSTPP is requested to take necessary action for obtaining grant of connectivity from CTU at the earliest to avoid any complications which may arise due to violation of CERC regulations, as stated above.

Thanking You,

(U.K.Verma)  
General Manager

## ANNEXURE –XI

**Copy of Chief Engineer (Commercial), DVC, Kolkata letter no. Coml/ERPC-6889 dated 23.11.2011 addressed to Member Secretary, ERPC, Kolkata.**

**Sub: Proposed additional agenda for information in 19<sup>th</sup> Commercial Sub-committee meeting in regard to evacuation/schedule of power from DVC's Generating Units at MTPS U # 5 & 6 and CTPS U # 7 & 8 to the beneficiaries.**

Dear Sir,

In terms of PPA, DVC is to supply power to MPPTCL and Discoms of Delhi from MTPS U # 5 & 6 and CTPS Unit No. 7 & 8 as furnished hereunder :

Name of Generating Units	IC (MW)	Capacity allotted to MPPTCL (MW)	Capacity allocated to DTL (MW)	Capacity allocated to WBSEDCL (MW)	Remarks
MTPS U # 5	250	100 (40%)	NIL	50 (20%)	PPA with WBSEDCL under process of execution.
MTPS U # 6	250	100 (40%)	100 (40%)	NIL	Power allocated to Delhi as per MoP's order dated 19.3.2009 (copy enclosed)
CTPS U # 7	250	100 (40%)	150 (60%)	NIL	
CTPS U # 8	250	100 (40%)	150 (60%)	NIL	

In order to have transparency in connection with scheduling of power to beneficiaries from the above mentioned projects, a meeting was held on 22.11.11 at ERLDC office, Kolkata wherein representatives of CEA, PGCIL & DVC were also present. During discussion, it transpired that Discoms of Delhi is having LTA of total 230 MW at present. In order to make transparency for the project specific scheduling of total 230 MW power, it was decided that 100 MW power will be allowed to be scheduled from MTPS U # 6 and 130 MW from CTPS U # 7 & 8. However, for schedule power beyond 230 MW to Delhi, beneficiaries (Discoms of Delhi) shall have to obtain LTA from CTU as per PPA.

Regarding schedule of 400 MW power (100 MW each from MTPS U # 5 & 6 and CTPS U # 7 & 8) to MPPTCL, it was deliberated that considering LTA already granted to MPPTCL, there is no difficulty in scheduling such power to MPPTCL from the respective projects.

Regarding LTA for 50 MW (20%) power to WBSEDCL, it was decided that matter may be taken up by DVC with WBSEDCL for LTA and outcome of the same may be communicated to ERLDC.

Regarding allocation of power from Mejia U # 5 & 6 with beneficiaries, it is for kind information that apart from PPA allocating 200 MW power from Mejia U # 5 & 6 to MPPTCL, MoP, GoI vide its letter dated 18.7.2008 allowed DVC to supply 150 MW power from Mejia U # 5 to Command area / Jharkhand / West Bengal. A copy of the said letter dated 18.7.2008 is enclosed herewith for kind information. Subsequently, MoP, GoI vide letter dated 19.3.2009 allocated 100 MW power to Delhi from Mejia U # 6 and DVC accordingly allocated 100 MW power to Delhi among three Discoms through DTL.

The above is placed for kind information in the ensuing 19<sup>th</sup> Commercial Committee meeting scheduled on 2.12.2011.

Encl: As stated

Yours faithfully,

Sd/-

Chief Engineer (Commercial)

**Copy of Chief Engineer (Commercial), DVC, Kolkata letter no. Coml/ERPC-6677 dated 14.11.2011 addressed to Member Secretary, ERPC, Kolkata.**

**Sub: Proposed Agenda of DVC for the forthcoming 19<sup>th</sup> Commercial Sub-committee meeting scheduled to be held on 02.12.11.**

**Ref: Your fax message No. 330 dated 09.11.11**

Dear Sir,

With reference to above, it is requested to kindly include the following as one of the agenda in the forthcoming 19<sup>th</sup> Commercial Sub-Committee meeting scheduled to be held on 02.12.11.

**1. “Power supply at 400 KV BPRS at Jamshedpur of DVC”**

As approved by CEA, S/c 400 KV Jamshedpur-Baripada line of PGCIL will be liloed at 400 KV bus of DVC in BPRS at Jamshedpur to supply additional power to Tata Steel Limited by DVC. Due to ROW problem at Jamshedpur end, the same 400 KV D/c PGCIL lines cannot be completed up to Jamshedpur PGCIL Sub-station though nearly 95% of the construction work of the said lines is completed from Baripada end. Since power supply to TSL is urgent in nature as they are planning to start their production very soon, matter was discussed in a meeting with PGCIL at their Corporate Office at Gurgaon in presence of the representative of TSL where PGCIL agreed that till ROW problem at Jamshedpur is resolved, both the line may be temporarily terminated to 400 KV DVC bus at 400 KV BPRS Jamshedpur. Till the final completion of the line up to Jamshedpur S/s of PGCIL, transmission charge will be borne by DVC which in turn will be reimbursed to DVC by TSL. After termination of D/c line up to Jamshedpur S/s of PGCIL, single ckt LILO will be made as per approved scheme of CEA & transmission system will be pooled to the regional asset.

The above is for information of ERPC for endorsement

It is, therefore, requested to kindly include the above in the agenda item of 19<sup>th</sup> Commercial Sub-Committee meeting.

Yours faithfully,

Sd/-

Chief Engineer (Commercial)