

EASTERN REGIONAL POWER COMMITTEE

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MINUTES OF THE 18TH COMMERCIAL SUB-COMMITTEE MEETING OF ERPC HELD ON 05.09.2011 (MONDAY) AT 1100 HRS. AT ERPC, KOLKATA

List of participants is at Annexure-A

Member Secretary, Shri A.K. Rampal, welcomed the delegates of the 18th Commercial Sub-Committee meeting. He informed that this was his last Commercial Sub-Committee meeting in ERPC as he has been transferred back to CEA HQ at New Delhi.

Members placed on record the contribution of Shri A.K. Rampal as Member Secretary of ERPC. Member Secretary requested S.E.(Commercial) to initiate the proceedings of the meeting.

ITEM NO. 1 CONFIRMATION OF THE MINUTES OF THE 17TH COMMERCIAL SUB-COMMITTEE MEETING HELD ON 16.06.2011

The minutes of the 17th Commercial Committee meeting were circulated vide ERPC letter No. ERPC/COM-I/GEN/2011/1882-1912 dated 23.06.2011, on which no comment has been received.

Members may confirm the minutes.

Deliberation:

Members confirmed the minutes.

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 is enclosed at Annexure – I and the status of outstanding of BSEB and JSEB for 2010-11 & 2011-12 is shown below:

SL NO	PERIOD	BSEB		JSEB	
		PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
1	2010 – 11	6.66 Cr	29.80 La		16.84 La
2	2011-12 (up to week –14)	(-) 10.92 Cr		(-) 12.15 Cr	
	TOTAL	(-) 3.96 Cr		(-) 11.98 Cr	

Members may please note.

Deliberation:

Members noted.

ERLDC informed that as on 24.08.2011 the receivables of BSEB from UI pool were of the order of 8.07 Cr and JSEB was too in receiving mode. It was also informed that Sikkim had around Rs 9 Cr as outstanding.

S.E.(Commercial) requested Sikkim representative to get the payment settled immediately since Hon'ble CERC is also monitoring these data and may initiate suo motu action as has been done in the case of BSEB.

b. RECONCILIATION OF UI POOL ACCOUNT

As decided in ERPC forum, the statement of reconciliation of UI Account for the period from April'10 to March'11 stands confirmed.

Members may please note.

Deliberation:

Members noted

c. REACTIVE ENERGY CHARGES – PRESENT STATUS.

As per ERLDC, the updated position of Receipt/Payment of Reactive Energy Charges in the pool as on 17.08.2011 (considering bill up to 07.08.2011) is indicated in Annexure – II.

Members may please note.

Further, in the 15th 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. Accordingly, the 1st Workshop was organized on 24.06.2011 jointly by ERLDC and ERPC at ERPC, Kolkata. An amount of Rs.1,74,998/- was advanced out of ERPC FUND for organizing this Workshop. In the 18th ERPC meeting, ERPC approved reimbursement of the above expenditure from Reactive Pool Account to ERPC FUND. Accordingly, ERLDC reimbursed the amount from Reactive Pool Account.

The 2nd Workshop was held on 26.07.2011 at Bhubaneswar. GRIDCO organized the above Workshop. The details of expenditure are yet to be received from GRIDCO.

In the 13th 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. Accordingly, the 1st Workshop was held on 18.07.2011 on “Reliability Co-ordination for ER”. An amount of Rs.89,998/- has been spent from ERPC FUND for organizing the above Workshop. Subsequently, ERLDC reimbursed the above amount from Reactive Pool Account to ERPC FUND. Another Workshop on “Emerging Trend for System Operation & Market Operation” was held on 25.07.2011 at Bhubaneswar. This Workshop was organized by GRIDCO. The details of expenditure have not been received from GRIDCO.

This is for information of the Members.

Deliberation:

Members noted.

GRIDCO representative informed that the details of expenditure incurred by them for the two seminars/workshop organized by them, would be provided within one week.

d. TRANSFER TO POWER SYSTEM DEVELOPMENT FUND (PSDF)

As submitted by ERLDC, an amount of Rs.16.45 Crores on account of Additional Surcharge for the year 2010 – 11 have been transferred to PSDF on 19.08.11. The status of fund transferred to PSDF so far is enclosed in Annexure III.

This is for information to the members.

Deliberation:

Members noted.

e. DISTRIBUTION OF INTEREST RECEIVED FROM BSEB AND JSEB FOR 2010-11

As informed by ERLDC, the interest outstanding on UI charges receivable from BSEB & interest receivable from JSEB is given hereunder:

After Full settlement of UI principal amount of 2010 - 11, the total interest amount recovered from BSEB and JSEB are Rs 29.80 Lacs and Rs 16.84 Lacs respectively. The interest amount receivable by various ER constituents is Rs 46.64 Lacs for the year 2010 – 11 on account of delayed payment of UI charges by BSEB and JSEB respectively. Hence the

following payments towards interest of UI charges due to delayed payment for the year 2010 - 11 is paid to the constituents as per the ratio of their receivables. Thus delayed payment interest (UI) account for the FY 2010-11 thereby settled.

Constituents	Amount (Rs) for BSEB (2010-11)	Amount (Rs) for JSEB (2010-11)	Total Amount (Rs)	Cheque No
DVC	21, 114	11, 934	33, 048	E-pymt - 288532
GRIDCO	19.59 Lac	11.07 Lac	30.66 Lac	E-pymt - 288533
WBSETCL	7.53 Lac	4.25 Lac	11.78 lac	RTGS - 288534
NTPC	1.73 Lac	97, 581	2.70 Lac	RTGS - 288535
NHPC	74,584	42,156	1.17 Lac	RTGS - 288536
TOTAL	29.80 Lac	16.84 Lac	46.64 Lac	

This is for information to the members.

Deliberation:

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. Nothing has been done so far and entire computation is being done considering the meter readings of other ends.

JSEB was requested to look into the matter and ensure sending of data at ERLDC.

In the last Commercial Sub-Committee Meeting (CCM)

- JSEB informed that contract for collection and transfer of meter data to ERLDC has already been awarded.
- JSEB representative assured that ERLDC would start receiving data by the end of this month.

In the last ERPC meeting JSEB was advised to ensure that data is received at ERLDC on time.

JSEB may respond.

Deliberation:

JSEB representative was absent. ERLDC informed that requisite data are still not being received by ERLDC.

This issue was referred to TCC by the members.

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. ERLDC informed that the metering requirement of the power station has already been examined at their end and proposed metering scheme of Mejia - B has also been forwarded to DVC for further necessary action. It was informed to DVC by ERLDC that DVC/MEJIA shall interact with POWERGRID, ERTS-II for installation of additional meters (check and standby).

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 is required to be installed. Thus total 06 nos of SEMs are required to be installed.

In the last CCM,

- DVC informed that main meter was in service.
- ERLDC informed that two numbers of check meters and two numbers of standby meters are required to be installed.
- DVC assured to provide the latest status of installation of meters in two days time.

In the last ERPC meeting PGCIL confirmed that they would complete installation of meters by second week of July-11.

DVC / PGCIL may respond.

Deliberation:

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.

b. SEL (STERLITE ENERGY LIMITED)

The metering requirement at Sterlite has been re-examined in a meeting with ERPC, ERLDC & SEL at Jharsugda on 23.05.2011. It has been decided in the meeting that Special Energy meter 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 is required to be installed on the VAL-Budhipadar feeder at Budhipadar end. Sterlite intimated that they are going to synchronise U # 3 by 3rd/4th week of May'2011. Therefore, for UI energy accounting purpose, 02 nos of SEM are required to be installed (One SEM each at EHV side of GT & Station transformer). Thus total 08 nos of SEMs are required to be installed at Sterlite.

The L&T make ABT meters shall be provided and installed by POWERGRID, ER-II. POWERGRID shall 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, through email. SEL will provide the switchyard SLD, protection & metering scheme details to SLDC/ERLDC/ERPC within a week.

In the last CCM,

SEL assured that the meters for Unit # 3 was in place and data will be available to ERLDC within a week.

This issue was discussed in the last ERPC meeting.

ERLDC/SEL/OPTCL may intimate the latest status regarding

1. Implementation of data transfer from SEL to ERLDC/SLDC by SEL
2. Installation of additional meters depending on connectivity of units
3. Finalization of connectivity with ISTS/STU by GRIDCO/SEL
4. Status of SPS

Deliberation:

SEL representative was absent.

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

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 Melli – Rabangla line. With the changed configuration the tie line now should be considered as 66 KV Rangit – Rabangla line instead of 66 KV Rangit –Melli line. Sikkim/Powergrid may initiate action of shifting of Melli end meter to Rabangla for 66 KV Rangit – Rabangla Line and Sikkim may arrange for sending of Rabangla end data for UI computation purpose.

In the last CCM also,

PGCIL representative informed that they would sort out the matter in coordination with Sikkim.

In the last ERPC meeting, PGCIL requested Sikkim to provide the CT/PT ratio at Ravangla so that they may initiate the process of shifting of meters.

Sikkim had requested Powergrid to install new meter at Ravangla. The existing meter at Melli should not be relocated.

SIKKIM / PGCIL may inform the latest status.

Deliberation:

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.

d. INSTALLATION OF METER AT PPSP

400 KV PPSP – Durgapur line was made LILO at Bidhannagar in WBSETCL. With this, the new Tie line became as 400 KV Bidhannagar-Durgapur. Special energy meter had already been installed at Durgapur, which is being used for accounting purpose. However at present there is no ABT meter installed at Bidhannagar end. As per CEA metering regulation 2006 and its amendments, one no. of SEM is required to be installed also at Bidhannagar end of Bidhannagar – Durgapur line and the

same end data is required to be sent at ERLDC for UI computation purpose.

In the last CCM,

- WBSEDCL informed that they would inform their counterpart of WBSETCL to take up the matter with PGCIL.
- WBSEDCL representative assured that the matter would be sorted out before ensuing TCC/ERPC meetings.

In the last ERPC meeting WBSEDCL, ERLDC and PGCIL had informed that they would sort out the issue mutually.

WBSEDCL may respond.

Deliberation:

WBSEDCL representative informed that ABT meters have been installed at Bidhannagar by WBSETCL. However, they would send a confirmation in this regard to PGCIL and ERLDC after discussing with WBSETCL.

PGCIL requested that the meters installed at PPSP end be returned.

ERLDC representative requested that a set of data may be sent to ERLDC to check for compatibility.

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

As per the 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)

Quote

All regional entities which had at any time during the previous financial year failed to make payment of Unscheduled Interchange charges including Additional Unscheduled Interchange charges within the time specified in this regulations shall be required to open a Letter of Credit (LC) equal 110% of its average payable weekly UI liability in the previous financial year, in favor of the concerned RLDC within a fortnight from the date these Regulations come into force.....

.....Provided further that LC amount shall be increased to 110% of the payable weekly liability in any week during the year, if it exceeds the previous LC amount by more than 50%.

Unquote

The LC amount to be opened by BSEB & JSEB is tabulated in Annexure - IV. ERLDC has already intimated the concerned constituents through individual letters.

In the last CCM,

BSEB representative was not present in the meeting. It was decided to refer this issue to TCC.

In the last TCC/ERPC meeting BSEB and JSEB informed that they would take appropriate action.

BSEB and JSEB may respond.

Deliberation:

JSEB and BSEB representatives were absent.

ERLDC informed that despite writing several times to BSEB and JSEB authorities in this regard, no action has been taken by them. S.E.(Commercial) informed that CERC is regularly monitoring such issues and may initiate suo motu action.

It was decided that ERPC Secretariat would write to JSEB and BSEB in this regard.

ITEM NO.6 NON-RELEASE OF PAYMENT TOWARDS SERVICE CHARGES FOR MAINTENANCE OF EMS/ SCADA SYSTEM –FIFTH AND SIXTH 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	Period	Bill Amount (Rs.)	Due Date
1.	BSEB	Qr.07 (From 18 th July’ 11 to 17 th Oct’ 11)	14,86,541	17.07.11
2.	SIKKIM	Qr.07 (From 18 th July’ 11 to 17 th Oct’ 11)	49,432	17.07.11

BSEB and Sikkim may respond.

Deliberation:

BSEB representative was not present. Sikkim representative informed that they would liquidate the charges within one week.

It was decided to bring this to the notice of TCC member from BSEB in the ensuing September meetings.

ITEM NO.7 FIBRE OPTIC CONNECTIVITY IN EASTERN REGION

In the last ERPC meeting PGCIL informed that FR for management approval is in final stage. NIT was expected to be floated in August-11. Also, PGCIL had agreed to the proposal of identification of priority locations as decided by ERLDC

PGCIL may respond.

Deliberation:

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.

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

The last CCM (17th) requested JSEB to accept the formula and settle the payments to resolve this issue.

Further, in the last ERPC (18th) meeting, JSEB proposed to host a meeting in Ranchi on 20th July among JSEB, DVC and ERPC Sectt representatives would decide the principles guiding the resolution and settle the issue conclusively.

In pursuant to the ERPC direction, a meeting was held on 20.07.2011 in Ranchi in which both sides accepted the formula. The payment settlement by adjustment of JSEB UI receivables was also agreed upon.

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

This is for information of the members.

Deliberation:

S.E.(Commercial) informed that an amount of Rs 8 Cr (approx) has been already adjusted from the receivables of JSEB and paid to DVC.

However, this was causing negative pool balance on certain occasions. He requested DVC to make UI payments as per the accounts and adjustments would be done as and when pool balance is sufficient.

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 CCM (17th), it was decided that constituents would forward their list of lines so that ERLDC may carry out system study to identify the non-ISTS lines for Eastern Region.

List of lines as received from WBSETCL, BSEB, JSEB and OPTCL has been forwarded to ERLDC.

In the last ERPC meeting (18th) Member GO&D took an initiative to organize a meeting where representative from CERC, CEA, POSOCO and CTU would try to allay the fears of ER constituents regarding the new methodology of sharing of transmission charges and losses. The meeting was held on 06.08.2011 at ERPC Secretariat.

Also, in the same meeting, “it was decided that ERLDC will consider all the lines and furnish to ERPC Secretariat a list of qualifying non-ISTS lines. That list may be taken as having been approved by ERPC.”

Further, in the meeting of the Member Secretaries of RPCs held at NRPC, New Delhi on 10.08.2011, it was decided that studies to identify the Non-ISTS lines of new grid being used for inter-state transmission could be carried out through IIT, Mumbai. Though, ERPC is not bound by the decision of Member Secretaries, however, it may consider this option also.

ERLDC may give the latest status on identification of non-ISTS lines carrying inter state power.

Members may please discuss.

Deliberation:

ERLDC informed that they are still in the process of carrying out the studies and would make a presentation in the ensuing TCC/ERPC meetings.

ITEM NO.10 TESTING OF SPECIAL ENERGY METERS AT BINAGURI

In the last Commercial Sub Committee meeting (17th) it was decided that PTC would initiate action in coordination with Tala Authorities and

PGCIL and mutually agreed dates would be informed to ERPC Sectt. Further it was decided that ERPC Sectt would write to PTC in this regard.

ERPC Secretariat vide letter no-ERPC/COM-I/GEN/2011/1927 dated 23.06.2011 had requested PTC to take necessary action in this regard. PTC had written a letter dated 06.07.2011 to PGCIL, with a copy to ERPC, to initiate necessary steps so that the meters may be got tested.

PGCIL is requested to inform latest status.

Deliberation:

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.

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

In the last Commercial Sub Committee meeting (17th) it was decided that PTC would initiate action in coordination with Tala Authorities and PGCIL to resolve this issue.

PTC vide their letter dated 06.07.2011, with a copy to ERPC, had requested PGCIL to take appropriate steps.

PGCIL is requested to inform latest status.

Deliberation:

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.

ITEM NO.12 COAL ARRANGEMENT OF FARAKKA STPS UNIT #6-----REFERRED BY LAST ERPC

In the last ERPC meeting NTPC informed that coal for Farakka STPS Unit-6 had been allocated.

This agenda may be closed.

Deliberation:

NTPC representative reconfirmed that coal for Farakka STPS Unit-6 had been allocated.

Members noted

ITEM NO.13 SOFTWARE FOR PREPARATION OF MONTHLY TRANSMISSION ACCOUNTS AS PER CERC (SHARING OF IST CHARGES & LOSSES) REGULATIONS, 2010

The last ERPC meeting approved the proposal of procurement of RATS software from M/s CyBuzz SC at a cost of approximately 4 Lacs plus taxes as applicable, by utilizing the ERPC FUND.

However, in the meanwhile ERPC Secretariat had developed the software in house. The Regional Transmission Account for the month of July'11 and the deviation account for the same month was computed successfully by ERPC Secretariat using this software. As such, procurement of new software from Cybuzz may be deferred.

Members may please note.

Deliberation:

Members appreciated the efforts of ERPC Secretariat in developing the requisite software and decided to continue with the in house software.

ITEM NO.14 SPLITTING OF 400 KV KAHALGAON STPS BUS BY NTPC

In the last ERPC meeting it was decided that this matter would be taken up in the OCC. NTPC informed the last OCC that their engineering department has visited the site and carried out feasibility studies. Report is awaited. This item shall be taken up in Commercial Sub-Committee as and when NTPC submits the report and gets it discussed in the OCC. However, CCM shall continue to monitor the progress.

NTPC may respond

Deliberation:

NTPC representative informed that the scheme is being developed. However, NTPC expressed concern regarding commercial implications of the scheme. Member Secretary stated that after the technical issues are discussed in the OCC, the commercial issues therein would be taken up.

ITEM NO.15 SUBSTATION EQUIPMENT FOR DISASTER MANAGEMENT/ERS SUBSTATION IN EASTERN REGION

In the last ERPC meeting (18th) PGCIL informed that petition have been filed with CERC on 22.03.2011 and queries raised by CERC have been answered on 18.05.2011 and hearing of the matter is awaited.

PGCIL may indicate the latest status.

Deliberation:

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.

ITEM NO.16 PROCUREMENT OF LAPTOPS/DCDS BY PGCIL FOR MALBASE S/S AND AS SPARE

In the last ERPC (18th) meeting PGCIL informed that NIT for 25 Nos of Lapops/DCDs would be floated on Jul, 2011 and expected delivery would be October, 2011.

PGCIL may intimate the latest status in this regard.

Deliberation:

PGCIL representative informed that bid evaluation is going on. Order is likely to be placed within ten days and delivery are expected to start from 10th Oct-11.

Regarding provision of DCD/Laptops for Malbase, 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.

ITEM NO.17 ULDC SYSTEM – SIGNING OF MOU FOR AMC OF WIDEBAND COMMUNICATION AND AUXILIARY POWER SUPPLY SYSTEM.

In the last ERPC meeting BSEB&JSEB had assured early signing of MoU.

BSEB and JSEB may respond

Deliberation:

ERLDC informed that BSEB has expressed willingness to sign the MOU for Wideband Communication and not for Auxiliary Power Supply System. On the other hand, JSEB has signed the MOU for Auxiliary Power Supply System and not for Wideband Communication.

ITEM NO.18 IMPLEMENTATION OF SYNCHROPHASOR TECHNOLOGY IN EASTERN REGION

In the last ERPC meeting ERLDC informed that CERC is yet to finalize PSDF disbursement procedure. ERPC concurred with ERLDC proposal to purchase few number of PMUs at critical locations by spending an amount of Rs 8 Crores from CAPEX plan for 2012-13 in respect of “Interfacing PMU data with SCADA/EMS systems & explore R&D activities related to CIM” head.

ERLDC may apprise the latest status

Deliberation:

ERLDC informed that Specifications had been prepared and NIT would be floated in this month (September-11)

ITEM NO.19 IMPLEMENTATION OF AUTOMATIC METER READING IN EASTERN REGION

In the last 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.

PGCIL may apprise the latest status.

Deliberation:

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.

ITEM NO.20 PROLONGED SHUT DOWN OF 400 KV MAITHON-JAMSHEDPUR LINE

In the last ERPC meeting PGCIL informed that the construction of multi-circuit towers is likely to be completed by 10.08.2011. Prolonged shutdown of this line is resulting in expenditure of beneficiaries without getting any benefit.

CCM may deliberate as to whether YTC for this period should be capitalized in the estimate of new circuit.

Members may please discuss

Deliberation:

PGCIL informed that this situation was beyond their control. The area through which the line passes is a troubled one and various problems are being faced by them. PGCIL representative informed that the construction of multi-circuit towers is likely to be completed by October-11.

ITEM NO.21 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.

Deliberation:

Members noted.

ITEM NO.22 DECLARATION OF COD OF PGCIL ELEMENTS

- A. 400 KV D/C Rourkela-Raigarh Transmission Line and associated 400 KV bays at Rourkela and Raigarh Substations.

POWERGRID has declared the COD of 400 KV D/C Rourkela-Raigarh Transmission Line and associated 400 KV bays at Rourkela and Raigarh Substations with effect from 01.07.2011(Ref: PGCIL Letter ER-II/KOI/Comml/1790 dated 30.06.11).

Powergrid is requested to provide

- Relevant information in approved format for the above element
- Clarification regarding requirement of ERPC approval under new PoC regime

Deliberation:

PGCIL representative informed that 400 KV Baripada-Mendhasal and 400 KV Farakka-Kahalgaon-III have also been declared commercial w.e.f 01.09.2011.

PGCIL provided the requisite information, which is provided in Annexure-B. Further, it was felt that the acceptance of Transmission elements in PoC regime is no longer required.

ITEM NO.23 INCREASE IN POWER DEMAND IN BHUTAN DUE TO DEMAND FOR CONSTRUCTION POWER OF HYDRO PROJECTS

In the last ERPC meeting PTC introduced this agenda. It was decided that the beneficiary constituents would further study the proposal for discussion in ERPC.

Also, it was decided to hold a meeting on this issue in Delhi in the month of July-11 to take a rational decision. Accordingly a meeting was held on 11th July, 2011. The minutes of the meeting is enclosed at Annexure--- V.

Members may please deliberate & give their suggestion keeping in mind future scenario.

Deliberation:

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

PART B: NEW ITEMS

ITEM NO.24 USE OF 132 KV DEOTHANG-MOTUNGA-RANGIA LINE FOR IMPORT OF KURICHU POWER.

132 KV Deothang-Motunga-Rangia line has been commissioned by Bhutan to improve the redundancy of evacuation of Kurichu Power which is normally evacuated through 132 Gelephu-Salakati line.

This proposal was introduced by ERLDC in the last OCC meeting.

For accounting power flow from 132 KV Deothang-Motunga-Rangia line meters at Motunga (Bhutan) and Rangia (Assam) has been proposed to be installed by ERLDC.

Members may discuss.

Deliberation:

PTC informed that this proposal was still under the consideration of Ministry of Power. S.E.(Commercial) informed that, in the PoC regime, the earlier apprehensions of DVC and WBSEDCL regarding the payment of transmission charges and losses does no longer remain valid. S.E.(Commercial) informed that the PoC of Bhutan and respective systems of DVC and WBSEDCL being constant, it is immaterial which line or system was used to draw power.

DVC and WBSEDCL representatives agreed with this. DVC also informed that they have received a letter from Ministry of Power on the same issue.

It was decided that PTC and DVC may approach the Ministry of Power afresh in this regard, if necessary.

ITEM NO.25 SHUTDOWN OF 400 KV TEESTA BINAGURI D/C LINE BY PGCIL---COMMERCIAL TREATMENT FOR TEESTA HEP.

OCC in its last meeting has accepted the programme of shutdown of 400 KV TEESTA-BINAGURI D/C line for a period of three days tentatively from 22.08.2011-26.08.2011 . In the OCC PGCIL informed that the shutdown of this line is essential since the tower at location 105(DC+3) is in a very precarious condition due to heavy rainfall and consequent hill sinking and its fall may damage more towers.

Teesta HPS-V informed the OCC that this, being the peak generating season, they may lose commercially.

NHPC may opine and members may please discuss & decide.

Deliberation:

NHPC representative was absent. It was informed in the meeting that the shutdown approved by OCC was for three days from 20.08.2011 to 22.08.2011 instead of the days mentioned in the agenda.

However, PGCIL informed that shutdown had not yet been availed. Sikkim informed Teesta HPS was undergoing silt flushing and the shutdown might have been programmed simultaneously to prevent wastage of cheap hydro energy.

PGCIL representative informed that they had not received any advance information regarding Teesta-V HPS flushing.

Members expressed concern that, due to lack of coordination, a opportunity to reduce loss of energy had been missed.

PGCIL representative informed that they would take shutdown of 400 KV Teesta-Binaguri D/C from 7th September 2011 for six days on daily basis instead of continuous basis.

ITEM NO.26 MEETING OF MEMBER SECRETARIES ON RTA

A meeting on the preparation of RTA and other issues was held between Member Secretaries of all the five regions in Delhi on 10.08.2011. The minutes of the meeting is attached at Annexure---VI.

Members may please note.

Deliberation:

Members noted.

ITEM NO.27 DRAFT COMMERCIAL SUB-COMMITTEE MEETING REGULATION

The draft CBR of ERPC contains provisions for preparation of individual Regulations for Commercial Sub-Committee meetings. ERPC Sectt has prepared a draft regulation which was uploaded on our website and intimated to constituents vide notice for CCM meeting. Also, the same has been attached at Annexure---VII.

Members may discuss.

Deliberation:

DVC representative expressed acceptance of the draft Commercial Sub-Committee Meeting. NTPC, PGCIL, WBSEDCL and GRIDCO representatives informed that the regulations were being studied at their end.

It was decided that all the constituents would send their comments/observations to ERPC Secretariat within one week (12.09.2011).

ITEM NO.28 TRAINING ON SCADA / EMS---ERLDC agenda

As per ERPC approval in their 13th meeting ERLDC had already placed an award on M/s AREVA for Comprehensive Software and Hardware maintenance service for the equipment's installed in the control Centres under ULDC – ER scheme for 3 years extendable up to 5 years at a total cost of Rs 36.36 Lacs. The above costs are exclusive of tax & it was also decided that the expenditure would be funded from reactive pool account.

But total expenditure of the above training would be Rs 36.36 Lacs plus 10.3 % tax which is coming out to be around Rs 40.11 Lacs. It is proposed that the additional amount of Rs. 3, 74, 508 may please be approved.

Members may please discuss and decide.

Deliberation:

Members recommended to TCC for acceptance of additional amount of Rs 3,74, 508 as amount payable towards 10.3% tax for the training on SCADA/EMS.

ITEM NO.29 NON RECEIPT OF DATA FROM GEYLEPHU—ERLDC agenda

As per ERLDC records SEM is already installed at both end of 132 KV Salakati - Geylephu line. At present Salakati end reading is being received by ERLDC downloaded by Salakati. However Geylephu end reading is not being received since very long back. Geylephu end meter is required to be checked and the same end data is to be sent at ERLDC end. At the same time one nodal person is required to be deputed for data sending.

Members may discuss and decide.

Deliberation:

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 informed that they will take up this issue with respective authorities and get this issue settled.

ITEM NO.30 SIGNING OF TSA/RSA—PGCIL agenda

CEA organized a workshop on 17th August-11 at Dehi on PoC charges, chaired by Secretary Power. The summary of the outcome is as flows:

1. No mock billing would be done
2. No Postponement will be done as the PoC regime is already effective
3. Utilities with genuine grievances/difficulties may approach CEA/CERC/CTU for amendments, etc.

PGCIL requests signing of TSA/RSA at the earliest.

PGCIL may elaborate.

Deliberation:

PGCIL representative briefed the constituents regarding the discussions held in the said meeting and requested early signing of TSA and RSA. PGCIL representative also informed that any clarifications required in this regard may be taken up with appropriate authorities.

ITEM NO.31 AGENDA ITEMS SUBMITTED BY WBSEDCL

1. WBSEDCL is having a share of 50 MW (20% of I/C) of Mejia Unit-V. At present, power is being scheduled by ERLDC. Consequently, WBSEDCL has to bear the charges and losses of CTU as well as of DVC. Now, it is being proposed that DVC may schedule this power at Waria as an injection point to utilize the DVC-Bidhannagar Tie Line between WBSETCL and DVC system to avoid the CTU charges and losses. The matter is now required to be discussed in the ERPC forum to find a methodology of energy account.

WBSEDCL may further explain

Deliberation:

WBSEDCL representative explained their viewpoint. Keeping in mind the complexity of the issue it was decided to discuss it in details in a separate meeting to be organized among DVC, ERPC Sectt., ERLDC and WBSEDCL and resolve it.

2. PAYMENT OF ERLDC MONTHLY CHARGES:

ERLDC monthly charges have two components, (i) System Operation Charges and (ii) Market Operation Charges.

Market operation charges (80% of ERLDC charge) is being borne by Generating Utilities (45%), Discom (45%) and Transmission Licensee (10%). ERLDC is loading only the six beneficiaries of Eastern Region as users. Now, the users are to be defined in line with the benefit received by the different Utilities/Discoms/Licensees. With the increase in the number of IPP in Eastern Region and also ISGS power stations, the cost to be borne by Generating Utilities will be getting reduced while the cost of Discoms will be increased through the enhancement of capital cost and in-built tariff of ERLDC where the six beneficiaries may not have any share in the increase of generation output. This is a great anomaly and Eastern Region beneficiaries have to bear the extra burden without getting any extra benefit.

WBSEDCL may further explain

Deliberation:

WBSEDCL representative stated that the beneficiaries other than of ER who had a share in ER ISGS should also be liable to pay ERLDC fees and charges proportionately.

ERLDC informed that as per the relevant regulations no such provision existed. All other regions in the country are following the same principle. In Eastern Region, constituents other than WBSEDCL and Sikkim were also paying as per the existing regulations.

S.E.(Commercial) informed that the matter may be resolved by making a petition to CERC. Alternatively, a meeting may be organized at ERPC Secretariat among WBSEDCL, Sikkim, ERLDC and ERPC to iron out the differences arising out of non- convergence of interpretation of the concerned regulations.

After discussion, it was decided to try out the second option which would hopefully resolve the issue.

**ITEM NO.32 ENHANCEMENT/REVALIDATION OF LETTER OF CREDIT—
AGENDA BY NHPC**

- a. 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. JSEB has not revalidated the LC amounting to Rs 5.59 Cr which expired on 25.07.2011
- c. WBSEDCL has not revalidated the LC amounting to 11.03 Cr which expired on 05.08.2011

NHPC may further explain

Deliberation:

In the absence of NHPC, BSEB and JSEB representatives, it was decided to drop this agenda.

ITEM NO.33 ADDITIONAL AGENDA ITEMS INTRODUCED BY GRIDCO

A. USE OF IMPORTED COAL BY NTPC WITH HIGH CALORIFIC VALUE

Deliberation:

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.

B. POC CHARGES

On PoC Charges for direction of flow let there be a simulation at one node and be verified whether as per the direction of flow, the beneficiary State has been charged or not.

Deliberation:

S.E.(Commercial) requested GRIDCO representative to make a detailed note and get it sent to Implementation Agency or send their concerned personnel to NLDC so that this simulation may be carried out.

C. RETAINING OF TRANSMISSION CHARGES BY PGCIL

The transmission charges collected through STOS should be distributed in full among constituents instead of retaining 25% amount by PGCIL as PGCIL is allowed to earn 16% through RoE.

Deliberation:

S.E.(Commercial) informed that since these provisions were contained in the STOA regulations GRIDCO may file a petition to the Hon'ble commission with their prayer.

ITEM NO.34 AGENDA SUBMITTED BY OHPC

- A) PAYMENT OF SYSTEM OPERATION CHARGES AND MARKET OPERATION CHARGES OF ERLDC/POSOCO TO HHEP(OHPC) FOR SCHEDULING OF 1.82 MW POWER TO CSEB ETC.**

The issue was raised in the meeting as an additional agenda item by OHPC. OHPC was requested to take up the matter with ERLDC/POSOCO. If it remains unresolved, OHPC may submit this agenda item in the next Commercial Sub-Committee meeting for further discussion.

The meeting ended with vote of thanks to the chair.

ERPC::KOLKATA

**List of participants in the 18th Sub-Committee meeting held on
05.09.2011 at ERPC, Kolkata**

Name of the Constituent / Organisation	Name S/Shri	Designation
WBSEDCL	M.S.PAL	Chief Engineer (PTR)
	A.PRADHAN	Divisional Engineer
DVC	P.K.CHAUDHURI	Chief. Engineer
	S.GHOSAL	Sr. Engineer
GRIDCO	R.DAS	Sr. General Manager
	N.KHAN	Liaison Officer
OPTCL	A.K.MOHANTY	General Manager
	P.K.PANDA	
OHPC	B.K.DAS	
GOVT. OF SIKKIM	S.P.KAZI	Addl. Chief Engineer, Power Dept
	P.LOPEHA	A.E. , Power Dept
POWERGRID	A.K.VERMA	Dy. General Manager
	S.K.SINGH	Chief Manager
NTPC	K.K.SINHA	Addl. General Manager
	P.K.GHOSAL	Dy. General Manager
ERLDC	P. PENTAYYA	General Manager , POSOCO
	P.MUKHERJEE	Dy. General Manager
	D.K.SRIVASTAVA	Dy. General Manager
	G.CHAKRABORTY	Chief Manager
	P.S.DAS	Chief Manager
	R.JAISWAL	
APNRL	V.K.SARAWAGI	
PTC	H.SARAN	Sr. Vice President
ERPC	A.K.RAMPAL	Member Secretary
	A.K. BANDYOPADHYAY	Superintending Engineer (Oprn.)
	J. BANDYOPADHYAY	Superintending Engineer (Comml.)
	S.P.DATTA	Dy. General Manager (NTPC)
	S.M.JHA	Executive Engineer
	G.GHOSH	Executive Engineer
	S.PAUL	Executive Engineer
	S.KEJRIWAL	Executive Engineer
S.ROY	AEE	

Annexure-B

A) Kahalgaon- Farakka 400kV D/C Transmission line along-with associated bays at Kahalgaon.

DOCO	01/09/2011
Name of Project	Transmission system associated with Farakka-III
Approved Cost	Rs.204.07 Cr. (Including IDC of Rs.12.70 Cr.)
Standing Committee-ER reference	05/11/2007 at Ranchi
EREB / ERPC Meeting reference	7 th TCC and 7 th ERPC at Ranchi Dated 25/07/08 & 26/07/08
Sharing of Transmission Charge	A per New Sharing methodology of PoC

B) Baripada-Mendhasal 400kV D/C Transmission line along-with associated bays at Baripada & Mendhasal S/S.

DOCO	01/09/2011
Name of Project	Eastern Region Strengthening Scheme-I
Approved Cost	Rs. 975.96 Cr. (Including IDC of Rs.45.72Cr.)
Standing Committee-ER reference	24/12/2004 at Puri
EREB /ERPC Meeting reference	116 th EREB Dated: 15/11/05
Sharing of Transmission Charge	A per New Sharing methodology of PoC

C) Rourkela –Raigarh 400kV D/C Transmission line along-with associated bays at Rourkela & Raigarh S/S.

DOCO	01/07/2011
Name of Project	East West Transmission Corridor Strengthening Scheme
Approved Cost	Rs. 803.70 Cr. (including IDC of Rs.36.95 Cr.)
Standing Committee-ER reference	24/12/2004 at Puri
EREB /ERPC Meeting reference	117 th WREB Dated: 20/05/05
Sharing of Transmission Charge	A per New Sharing methodology of PoC

Annexure - I

SUMMARY OF UI RECEIPT AND PAYMENT STATUS**BILL UPTO 07.08.2011 (Week - 19 of 2011 - 12)****Last Payment Disbursement Date - 17.08.11**

Figures in Rs. Lakhs

CONSTITUENTS	Receivable	Received	Payable	Paid	Outstanding
WR	597.48433	554.58895	19861.61822	19898.19906	79.47622
SR	2355.83530	2355.83530	1441.85120	798.99387	-642.85733
NER	1340.92627	1340.92625	4227.51625	3474.19504	-753.32119
NR	12108.33034	9268.01450	771.33048	548.26930	2617.25466
BSEB	1292.74246	1292.74246	3404.88765	2965.36365	-439.52400
JSEB	1475.59442	1098.42192	3175.88754	3088.28509	289.57005
DVC	20609.10727	20589.80642	102.29455	0.00000	-82.99370
GRIDCO	177.63047	177.63047	10742.46936	8488.87744	-2253.59192
WBSETCL	5187.23711	4932.76686	9673.60822	9673.60822	254.47025
Sikkim	856.44045	28.47778	2064.39548	2064.39548	827.96267
NTPC	4318.02651	3576.56781	481.26706	481.26706	741.45870
NHPC	0.00000	0.00000	690.23855	640.99223	-49.24632
MPL	213.69201	183.56914	106.38869	58.67607	-17.58975
STERLITE	7650.77391	7391.21441	1018.10929	916.18287	157.63308
Pool Balance	0.00000	0.00000	-412.30827	0.00000	412.30827
Additional UI charge	478.25528	282.64802	0.00000	0.00000	195.60726
Transfer to IRE	0.00000	0.00000	-62.28734	0.00000	62.28734
TOTAL	58183.82085	52790.56227	57287.26693	53097.30538	

% Realization

90.73 As on 17.08.11

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 31.07.11
AS ON 09.08.11**

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	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							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							28575	8465
TOTAL	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 1645.35624 19.08.11 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
Amount Credited to reactive account due to TDS (2003-04 to 2007-08) on 25.11.10	402619
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
Net Retained in Reactive A/C	15359288
Proposed Expenditure for EMS training approved in 13th ERPC meeting	2725584
Proposed Workshop/Seminar on Transmission pricing, Power Exchange & FGMO	2000000
Proposed Workshop/Seminar on Black Start & Reliability	635006
Estimated Available Amount in the POOL	9998698

ANNEXURE-III

DETAILS OF DISBURSEMENT TO POWER SYSTEM DEVELOPMENT FUND

SI No	Nature of Amount	Amount transferred to PSDF	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
	Total		26686.44014		
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
	Total				
		31297.90072			

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

Sub: Record Notes of discussions of the Meeting held on 11th July 2011 at PTC Office between ERPC, Bhutan beneficiaries in ER and PTC to discuss increase in power demand in Bhutan due to requirement of construction power of New HEPs

1. The list of participants is enclosed in Annexure A.
2. Chairman & Managing Director (CMD), PTC came to the Meeting for a little while. He said that he had been informed by Deptt. of Energy (DOE), Royal Govt. of Bhutan that in the 3rd Empowered Joint Group* (EJG) Meeting held in March 2010, the Group had authorized DOE to discuss with PTC to come out with a mechanism to import power from India so as to mitigate Bhutan's increasing demand over and above its Firm power generation capacity in the coming lean seasons due to increased domestic demand and particularly on account of construction power requirements in the new HEPs in Bhutan under "10,000 MW Hydro Power Capacity addition by 2020". A series of Meetings took place between PTC and DOE. During the course of Meetings, Bhutan proposed that they will generate and supply Peak power from the HEPs located in the country to the beneficiaries of India and would take power during other than peak hours to meet their domestic demand. Bhutan further requested that there be no financial transactions for this quantum of energy imported by them under the proposed arrangements. CMD, PTC further stated that proposed requirements as stated by Bhutan is only for the period when Bhutan's requirement for power will increase for construction of new HEPs and for the limited period as indicated by them. He requested beneficiaries to look into the proposal as this would give them peaking power whereas Bhutan will be able to import power during the other than Peak hours power to meet its power requirements during the months from January to March from 2012 to 2016. CMD, PTC then left the meeting.
3. Member Secretary, ERPC requested that as per the decision of Empowered Joint Group the beneficiaries may give their views on the proposal. He further emphasized that the proposal is only for the said period. Member Secretary, ERPC also stated that BSEB, JSEB and Sikkim may not be in a position to give power during the other than Peak hours as Jharkhand and Bihar are in deficit and Sikkim Hydrology is matching with the Bhutan and their requirements are similar.
4. DVC and GRIDCO informed that at this stage, it is difficult for them to assess the surplus power available with them during Off-Peak hours mainly during the years 2012 and 2013. DVC stated that growth of load in DVC areas is increasing whereas new capacity addition is likely to come into stream from 2015 onwards. GRIDCO also stated that in the year 2012 and 2013, Orissa is likely to remain in deficit.
5. During the perusal of this proposal, following aspects got emerged:
 - (a) Bhutan's generation during peak hours is a welcome - step.
 - (b) The definition of "surplus" is being assumed as algebraic sum of "generation less domestic consumption" over the year. Thus, mixing up with the universal definition of "banking of power".
 - (c) The inflow and outflow of "electrical energy" will get subjected to 'POC' charges as well as losses on both directions. Its quantum cannot be assessed with a fair degree of accuracy to form any opinion.

(: EJG Comprises of members from Govt. of India and Royal Govt. of Bhutan for implementation of India assisted hydro electric projects in Bhutan).*

- (d) Both 'inflow' and 'outflow' will get exposed to UI. Grid frequency can not be forecasted with any degree of accuracy and so is its monetary implication which also can not be assessed.
 - (e) There is a fair degree of apprehension that the situation for these three months may get extended to other non-monsoon months and so will the principles / definition of 'surplus'.
 - (f) Number of years for which this situation is expected may get extended indefinitely.
6. The members desired Ministry of Power to consider allocating equivalent quantum of power from un-allocated share from NTPC's Sagrauli / Korba Stations of Northern / Western Region respectively. This will help Bihar, Jharkhand and sikkim to a great extent, who are expected to face difficulty in these months.
 7. ER States proposed that construction projects of Bhutan may procure their power requirement through Open Access and such cost booked to the respective projects. It will motivate them to structure their energy requirement matching with time - of - day price. However, PTC responded that It may not be acceptable to GOI as it will require consent of a number of its Ministries.
 8. West Bengal (WBSEDCL) expressed its willingness to give the entire requirement of Bhutan from 2012 to 2016 (January to March every year) from its own sources. WBSEDCL proposed that Bhutan may return the power as given by WBSEDCL during the same years in the months from April to June. It will be in addition to the surplus power that will be given by Bhutan during these months. However, it was felt that such type of arrangement may not be feasible as Bhutan's own requirement is also likely to be higher during these months.
 9. West Bengal further proposed that Bhutan may return the energy to West Bengal in the same number of years from April to June every year after commissioning of their first new HEP which is likely to be commissioned in year 2016. West Bengal further stated that as there is considerable time gap between supply and return of banked energy between WBSEDCL and Bhutan, some premium in energy terms by Bhutan at the time of return of energy is required. WBSEDCL further stated that this transaction should be exempted from POC charges and losses as well as UI implications. Ministry of Power or CERC may be approached at an appropriate time to take a call on POC and UI implications.
 10. Member secretary, ERPC requested Orissa (GRIDCO) also to consider in line with the above methodology of West Bengal so that their power can also be clubbed along with the West Bengal power as a measure to mitigate some risks GRIDCO informed that they would revert on the issue.
 11. It was agreed that PTC would take up the matter with Bhutan after getting response from Orissa.
 12. The Meeting ended in a cordial manner.

Annexure - A

List of participants

S.No.	Name	Organization
1.	Shri A. K. Rampal Member Secretary	ERPC
2.	Shri Anirban Guha Director(RT&IT)	WBSEDCL
3.	Shri P.K. Pradhan Director (Comml.)	GRIDCO
4.	Shri M. Bandyopadhyay Director (Comml.)	DVC
5.	Shri P.K. Choudhary Chief Engineer (Comml.)	DVC
6.	Shri Santosh Kumar Advisor	PTC
7.	Shri Harish Saran Sr. Vice President (M&TFG)	PTC

ANNEXURE VI

MINUTES OF MEETING OF MEMBER SECRETARIES OF RPCs REGARDING PREPARATION OF RTA BY RPCs AND OTHER RELATED ISSUES HELD ON 10.08.2011.

List of participants is attached at Annexure-I.

Member Secretary, NRPC welcomed the Member Secretaries of WRPC, ERPC and NERPC. MS, SRPC could not attend the meeting due to their TCC and RPC meeting. He, however, informed that SRPC will abide by the decisions taken during the said meeting. Member Secretary, NRPC stated that this meeting was called to review the issues on preparation of Monthly Regional Transmission Accounts (RTA) by respective RPCs for the purpose of uniformity as required under CERC Regulations on Sharing of Inter-State Transmission Charges and Losses.

After deliberations following was decided :

i) Time frame for issue of Regional Transmission Accounts.

NRPC on behalf of all RPCs will write to Implementing Agency (NLDC) requesting for submission of data on approved injection and withdrawal including LTA and MTA as stipulated in CERC Regulations on 1st working day of the month to enable RPCs to prepare RTA.

As weighted average allocation from the central generating stations are linked to issuance of Regional Energy Accounts by RPCs, RTA will be issued after issue of Regional Energy Accounts.

The approved withdrawal of Inter-regional transactions will be shown in the RTA of drawing region.

As per Regulations, Implementing Agency (NLDC) is required to furnish the approved injection and withdrawal for preparation of RTA by RPC. Each RTA will be prepared based on this information provided by NLDC.

Deviation account will be issued on 15th of every month after receipt of data from RLDC.

ii) Comparison of PoC Charges vis-à-vis Postage Stamp method.

Each RPC will prepare the comparison of transmission charges as per Point of Connection Charges as well as Postage Stamp method so that impact of new regulation on PoC could be analysed. For this purpose, NLDC shall provide asset-wise details and corresponding YTC of each asset to each RPC.

iii) Certification of Non-ISTS lines being used for inter-state transmission.

It was decided that the studies to identify the non-ISTS lines of new grid being used for inter0state transmission could be carried out through IIT, Mumbai.

iv) Certification of rescheduling of the planned maintenance program which is beyond the control of the generator.

The guidelines for certification as deliberated in NRPC as given below was informed to the Member Secretaries for their consideration :

- a) The generator having intimated the rescheduling of the planned maintenance program in the OCC in advance and is approved by OCC, the same shall be certified by NRPC Secretariat on behalf of NRPC.
- b) In the eventuality of rescheduling of the planned maintenance program between the two OCC meetings necessitated by the acts of God such as floods and earthquakes, etc, the same shall be certified by NRPC Secretariat on behalf of NRPC.
- c) If rescheduling of the planned maintenance program is done on the request of beneficiary(s) or on the advice of NRLDC, the same shall be certified by NRPC Secretariat on behalf of NRPC.

v) Uniformity in RTA formats

The format for first RTA issued by various RPCs was different. It was decided that NRPC Sectt. will prepare the format and circulate to all RPCs for the purpose of uniformity.

Annexure-I

List of Participants of the meeting of Member Secretaries of RPCs regarding preparation of RTA by RPCs and other related issues held on 10.08.2011

Sl.No.	Name	Designation	Organisation
1.	Shri A.K. Aggarwal	Member Secretary	NRPC
2.	Shri Manjit Singh	Member Secretary	WRPC
3.	Shri B.K. Jain	Member Secretary	NERPC
4.	Shri A.K. Rampal	Member Secretary	ERPC
5.	Shri P.S. Mhaske	SE	NRPC
6.	Shri Ajay Talegaonkar	SE	NRPC
7.	Shri B.S. Bairwa	EE	NRPC

Eastern Regional Power Committee

(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 an inter-regional exchange of power, issues concerning settlement of payments among constituents, if any, etc. and any other matter referred by the TCC/ERPC.

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.
- 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.

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.
- 4.2 All constituents will host jointly the remaining ‘Sub-Committee Meetings’ at ERPC HQ and incur the expenditure related with it.
- 4.3 Meeting will be hosted by member organizations as per the roster finalized by CC. The host member organisation shall incur its expenditure

5. Re-scheduling / Cancellation of Meeting

- 5.1 If a meeting is required to be cancelled or rescheduled, the same shall be intimated to the members at the earliest by telephone / fax / e-mail and also posted on ERPC Website immediately.

6. Notice for the Committee meeting and Agenda

- 6.1 Notice for the Committee meeting shall be issued by Member Secretary, ERPC at least 15 days in advance.
- 6.2 The agenda points proposed by the constituents for the meeting should reach ERPC Secretariat at least 10 days in advance of the meeting. The Member Secretary, ERPC shall finalize the agenda and get it posted on the ERPC Website at least 7 days in advance, and shall also circulate the agenda to all of its members. Agenda submitted beyond cut-off time as specified shall be posed to Chairperson for his/her permission. If permitted, it shall be taken up as additional agenda. Agenda submitted after the commencement of the meeting shall not be permitted.
- 6.3 Member Secretary, ERPC may also put any agenda involving urgent matters/ policy issue directly.
- 6.4 Member Secretary, ERPC may convene a meeting on short notice on any urgent matter. In that case notice of one week is to be given.

7. Effect of Non-receipt of Notice of Meeting by a Member

The non-receipt of notice by any member of CC or Sub-Committees shall not invalidate the proceeding of the meeting or any decision taken in the meeting.

8. Quorum of CC Meeting

- 8.1 The Quorum of the meeting shall be 50% of its members or the person authorized by the member.

- 8.2 Only members of CC and not more than two representatives of his/her organization shall participate in the meeting. Additional representatives may participate with the prior permission of the Member Secretary.
- 8.3 Special Invitees from Member Secretary may also participate in the meeting.

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.
- 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).

10. Presiding Authority and the Convener

- 10.1 Member Secretary, ERPC shall preside over the meeting.
- 10.2 Superintending Engineer, ERPC shall convene the meeting.
- 10.3 If Member Secretary is unable to be present at the meeting for any reason, the next senior most officer of the ERPC Secretariat shall preside.

11. Recording of the minutes

The minutes of the meeting shall be finalized and circulated to all its members by Member Secretary, ERPC within 10 working days from the date of this meeting. The minutes shall also be posted on the website of ERPC.

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.