

**EASTERN REGIONAL POWER COMMITTEE
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**MINUTES OF THE 12TH COMMERCIAL SUB-COMMITTEE
MEETING OF ERPC HELD ON 11.03.2010 (THURSDAY) AT 1100
HRS. AT ERPC, KOLKATA**

The list of participants is enclosed at **Annexure-‘A’**.

Shri A.K. Bandyopadhyay, Member Secretary I/C, ERPC welcomed the participants in the 12th Commercial Sub-Committee meeting of ERPC. He introduced Shri P. Pentayya, who has taken over the charge of General Manager, ERLDC with effect from 01.03.2010. He then informed the House that a number of issues have been listed for deliberation in the meeting including the issue of scheduling of Talcher STPS Stage-II power.

He requested Shri J. Bandyopadhyay, Superintending Engineer (Comml), ERPC to take up the agenda items for discussions. After welcoming the participants, Shri Bandyopadhyay, SE (Comml), ERPC intimated the House that there would be two presentations, one on “Remote Automatic Meter Reading System – MBAMR” (to be delivered by Shri V.K. Agrawal, Director, M/s M.B. Control & Systems Pvt Ltd, Kolkata) and another on Draft Regulations, 2010 proposed by CERC on “Sharing of Inter-State Transmission Charges and Loss” (to be delivered by Shri P. Pentayya, GM, ERLDC). Accordingly, the first presentation was held before the start of the main agenda items of 12th CCM while the second presentation was held after completion of deliberations of main agenda items. ERPC Secretariat and participant members thanked both the Speakers and took part in the inter-active discussions during both the presentation.

The deliberations on the main agenda items were as under :

**ITEM NO. 1 CONFIRMATION OF THE MINUTES OF THE 11TH
COMMERCIAL SUB-COMMITTEE MEETING HELD ON
16.11.2009.**

The minutes of the 11th Commercial Committee meeting were issued vide letter no. ERPC/COM-I/GEN/2009/1055-82 dated 19.11.2009. No comment from any constituent on the minutes of above meeting has been received.

Members may please confirm the minutes of the meeting as circulated.

Deliberations in the meeting

Members confirmed the minutes of the 11th Commercial Sub-Committee meeting circulated vide letter no. ERPC/COM-I/GEN/2009/1055-82 dated 19.11.2009

ITEM NO. 2 A) PAYMENT OF UI -- PRESENT STATUS

The status of UI payment as on 26.02.2010 is enclosed at Annexure-I.

As received from ERLDC, the current principle outstanding (2009-10) UI dues of BSEB as on 26.02.10 is **Rs.7934.56177 lakhs** considering bill up to 07.02.2010. In addition to this BSEB is required to pay an interest amount of **Rs.385.36974 lakhs** for the year 2009-10 due to delayed payment of UI charge calculated as on 28.02.2010. Thus the total payable amount by BSEB is **Rs.8319.93151 lakhs**. BSEB may confirm the programme for payment of outstanding UI dues for (2009-10) as well as interest amount for the year 2009-10. JSEB and GRIDCO have also an outstanding amount of **Rs.2237.48036 lakhs** and **Rs.6798.83864 lakhs** respectively considering bill up to 07.02.2010 as submitted by ERLDC. JSEB & GRIDCO may also confirm the programme of payment of outstanding UI dues. Letters have also been issued by ERLDC to BSEB, JSEB and GRIDCO for early liquidation of the outstanding dues. Moreover, GRIDCO has to pay an amount of **Rs.36.79430 lakhs** as interest amount due to delayed payment of UI charges calculated as on 28.02.2010.

BSEB, JSEB and GRIDCO may please confirm their payment plan.

Deliberations in the meeting

BSEB representative was not present in the meeting. It was requested in the meeting that BSEB, JSEB and GRIDCO should take immediate action for liquidation of outstanding UI including interest thereon as early as possible.

B) REACTIVE ENERGY POOL ACCOUNT -- STATUS AS ON 03.03.2010

The updated position of Receipt/Payment of Reactive Energy Charges in the pool as on 03.03.2010 considering bill upto 14.02.2010 as received from ERLDC is indicated at Annexure – II.

Members may please note.

Deliberations in the meeting

Members noted.

C) 'IRE POOL' ACCOUNT OF ER WITH SR – PRESENT STATUS

As informed by ERLDC, the statement of IRE between ER and SR has been sent for reconciliation from week No. 1 to 38, i.e., upto 20.12.2009 and the net amount receivable from SR is **Rs.2535.15796 lakhs**. SR has already confirmed the amount but the same is yet to be received.

This is for information to the members.

Deliberations in the meeting

Members noted.

**D) POOL BALANCE DUE TO CAPPING OF NTPC STATIONS
IN ER / ADDITIONAL UI CHARGE**

As received from ERLDC, an amount of **Rs.1788.86918 lakhs** and **Rs.3092.45482 lakhs** are available as capping amount and additional UI charge respectively for the year 2009-10. Moreover, an amount of **Rs.5005.8795 lakhs** and **Rs.12153.10284 lakhs** are also available as capped amount for the year 2007-08 and 2008-09 respectively. Thus total amount of **Rs.18947.85152 lakhs** is available as capped amount as on date.

This is for information to the members.

Deliberations in the meeting

Members noted.

E) RECONCILIATION OF UI POOL ACCOUNT

The statement of reconciliation of UI account for the period from April'09 to September'09 sent to all constituents on 06.10.2009 by ERLDC for checking at their end and confirmation. No confirmation has yet been received from BSEB and Sikkim. Reminders have also been issued to BSEB and Sikkim for confirmation of the same.

Similarly, the statement of reconciliation of UI account for the financial year 2007-08 and 2008-2009 had also been sent by ERLDC to all constituents and confirmation received from all the constituents except BSEB and Sikkim.

As per decision of 11th Commercial Committee meeting held on 16.11.2009 at ERPC, Kolkata :

Quote

After detailed deliberation, it was decided that if no confirmations are given by the concerned constituents within 15.12.2009, it would be presumed that the statement of reconciliation of UI account for the financial year 2007-08 and 2008-09 sent to the constituents by ERLDC deemed to be in order.

Unquote

In view of the above the reconciliation of UI Account for the financial year 2007-08 and 2008-09 gets settled.

This is for information to the members.

Deliberations in the meeting

As per the decisions of the 11th Commercial Sub-Committee meeting held on 16.11.2009 and subsequent non-receipt of confirmation from BSEB and Sikkim within 15.12.2009, it was decided that the statements of reconciliation of UI account as furnished by ERLDC got settled for the year 2007-08 and 2008-09. For the period from April'09 to September'09, BSEB and Sikkim were requested to settle it as early as possible so that the same could be placed before the ensuing TCC meeting scheduled to be held on 25.03.2010. GM, ERLDC suggested that the reconciliation of UI account should be done more frequently, preferably on weekly or at least on monthly basis.

ITEM NO. 3 DEEMED GENERATION OF TEESTA STAGE-V

Teesta Stage-V Power Station had to be completely shutdown for 44 days in 2008-09 due to high siltation. In addition to the loss of generation suffered by NHPC, the Eastern Regional constituents also suffered due to non-availability of cheap hydro power from Teesta Stage-V Hydro Power Station. In the 7th meeting of ERPC held at Ranchi on 26.07.2008, in the course of discussions on deemed generation of Rangit HPS, it was decided that "Member Secretary, ERPC would convene a meeting at Teesta Stage-V in which, besides ERPC, ERLDC & NHPC, experts from all beneficiary constituents would also participate and to take stock of the situation and submit a report to Chairperson, ERPC. In future, while deciding the claim of deemed generation etc of Teesta Stage-V, if any, the findings and recommendations would also be considered".

Accordingly, ERPC Secretariat held a meeting on 29th August 2008 at Teesta Stage-V, Baltur East Sikkim in which besides the representatives of NHPC, representatives from GRIDCO, OHPC, WBSEDCL, Government of Sikkim, ERLDC and ERPC were present. The members also made an on-the-spot visit of the dam site of Teesta Stage-V.

In the meeting at Teesta Stage-V, Shri D. Chattopadhyay, Chief Engineer (I/C), Teesta (Stage-V) PS gave a detailed presentation covering every aspect related to the problem. He also gave a video presentation which captured aerial view of the upstream Teesta River to pin point the problem areas. After the detailed presentation, the following points emerged :-

- 1.a) On 17th May 2008, it was observed that silt content surpassed 11995 PPM and powerhouse was shutdown on 17th May 2008 for 3 days upto 19th May 2008 when the silt content came down to around 5000 PPM.
- b) Again, on 4th June 2008, the silt content rose to beyond 9000 PPM & powerhouse was shutdown on 4th June 2008 and power generation resumed on 5th June 2008.

- c) On 10th June 2008, the PPM was observed to be above 10000 and powerhouse has shutdown for 12 hours.
- d) On 12th June 2008, the PPM content was observed to be above 18000 PPM and powerhouse was shutdown. The PPM rose to above 100000 and remained continuously high leading to prolonged shutdown upto 23rd July 2008. The reservoir was flushed during this period and then filled up. The generation was resumed on 25th July 2008.
- e) NHPC tried to locate source of silt. Landslides were reported in a tributary called Tolunmchu. Aerial surveys were carried out to assess the extent of damage.
2. The siltation problem faced in the year 2008 was unprecedented as was evident from the following table presented during deliberation by NHPC :

Period (Year/ Month)	Unit	April (Max/Min)		May		June		July (Max/Min)	
		Max	Min	Max	Min	Max	Min	Max	Min
Year-2000	PPM	329	72	1767	267	2214	419	2405	1292
Year-2001	PPM	543	154	3520	536	5778	1751	1918	1615
Year-2002	PPM	3369	389	1228	1226	4053	1298	4130	3258
Year-2003	PPM	1373	1301	1338	1251	3092	1275	10338	2565
Year-2004	PPM	853	834	1463	804	3100	1280	2900	2575
Year-2005	PPM	4756	108	2048	80	1747	169	2983	260
Year-2006	PPM	260	110	1021	270	1367	570	1309	669
Year-2007	PPM	172	147	479	170	3306	320	2258	907
Year-2008	PPM	9398	133	21580	780	100050	2070	33391	2125

It was stressed by NHPC during presentation that the siltation problem was unique and NHPC had no clue before hand for such a natural calamity and its origin.

It emerged from the presentation that on the upstream side there are a number of major tributaries of river Teesta. One of such tributaries is Tolungchu. There was heavy landslide and consequent siltation on both sides of Tolungchu as was captured pictorially during aerials survey.

It was clarified by Shri P. Wangchen, Secretary (Power), Government of Sikkim that the area adjoining the tributary Tolungchu is quite inaccessible. There was no road to approach the tributary. In fact, he informed that because of inaccessibility of the entire upstream course of Teesta, it was not possible to immediately find out the source of siltation. He thanked NHPC for making sincere efforts in locating the source of siltation problem. He assured that Government of Sikkim in co-ordination with

NHPC would take necessary action to reduce the siltation problem in future.

3. The origin of the siltation problem lies in Tolungchu tributary on both sides of which are having dense reserved forest. Therefore, the involvement of Government of Sikkim particularly the Deptt. of Environment & Forest is required.

After a thorough deliberation, the followings were decided unanimously :

- a) As per the data furnished by NHPC, the siltation problem faced by Teesta (Stage-V) in 2008 was un-expected and was beyond the control of NHPC.
- b) Teesta (Stage-V) PS remained under shutdown as the siltation level reached much higher than the permissible limit of 5000 PPM. In fact, the highest PPM recorded was of the order of 1,00,000.
- c) On suggestion of Member Secretary, ERPC, NHPC agreed to undertake the catchment area treatment. Shri P. Wangchen, Secretary (Power), Government of Sikkim agreed to extend necessary assistance to NHPC to undertake the work.
- d) NHPC will be monitoring the catchment area through remote sensing studies in future.

In the Commercial Sub-Committee held on 11.11.2008 and in the TCC meeting of ERPC held on 21.11.2008, members noted the reporting of visit by ERPC team to NHPC Teesta Stage-V.

Subsequently, ERPC has received a letter no. NH/COMM/F/2009/422-24 dated 06.05.2009 from NHPC in which they have indicated that as the deemed generation is permissible only up to the level of design energy during a year, the maximum permissible deemed generation is 685.95 MU after accounting for the actual generation of the power station, whereas the deemed generation as per calculation is worked out 534.78 MU (as given in the Annexure-IV). Invoking the Clause 41 of CERC Regulation dated 26.03.2004, NHPC has submitted that the present case fulfills all the following criteria for qualifying the deemed generation :

- a) Energy generated should be less than the Design Energy during the year.
- b) Loss of generation should be beyond the control of the generator.
- c) There should be spillage of water.

In view of above, NHPC requested that the deemed generation of 534.78 MU for Teesta Stage-V Power Station for the year 2008-09 may please be certified.

Deliberations in the 10th Commercial Sub-Committee meeting

Chief (Finance), NHPC described in details the reasons for shut down of Teesta Stage-V Power Station for 44 days in 2008-09 due to high siltation. He highlighted the decisions taken in the meeting on 29.08.2008 at Teesta Stage-V during the visit of ERPC team. He informed that, in accordance with the Clause 41 of CERC Regulations dated 26.03.2004, deemed generation to the extent of 534.78 MU is payable by the beneficiaries of Teesta Stage-V. He requested the beneficiaries of Teesta present in the meeting to accord approval for the payment of the above deemed generation.

Beneficiary constituents of Teesta Stage-V present in the meeting requested NHPC to indicate the actual financial implications involved in admitting the above deemed generation. NHPC representative informed that since the present tariff of Teesta Stage-V is provisional and the proposal for finalization of tariff is pending before CERC, the exact financial implications would be known after the tariff is finalized. The beneficiary constituents of Teesta Stage-V requested NHPC to submit afresh the proposal of deemed generation of Teesta Stage-V, indicating therein the financial implication for each beneficiary, once the tariff of Teesta Stage-V is approved by CERC.

In the meanwhile, ERPC Secretariat has received a letter dated 04.03.2010 from NHPC in which NHPC has indicated that consequent upon the finalization of tariff order of Teesta Stage-V by CERC vide Petition No. 132/2009 dated 05.01.2010, the financial implication of the said deemed generation has been worked out to the tune of Rs.1.83 crores. Copy of the letter received from NHPC is given in Annexure- III.

Members may please deliberate and decide.

Deliberations in the meeting

The beneficiary constituents of Teesta Stage-V present in the meeting unanimously decided that they have no objection in admitting the deemed generation claim to the extent of Rs.1.83 crores, if it is in accordance with the relevant CERC regulations.

JSEB suggested that some mechanism should also be in place in the regulation so that the Distribution Companies can recover this payment from the consumers from retrospective effect.

The matter is referred to TCC for approval.

ITEM NO. 4 PROCUREMENT OF 2 NOS. 315 MVA, 400/220 KV AUTO TRANSFORMER AND 1 NO. 50 MVAR SHUNT REACTOR AS O&M SPARE -- PROPOSAL RAISED BY PGCIL

In the 41st OCC meeting held on 18.08.2009, Powergrid gave the following proposal :-

Powergrid Eastern Region Transmission System is about 20 years old and the failure rate of equipment is increasing. Although EHV class equipment is meant for expected life span of about 25 years, it has been felt on the basis of operating experience that some of the equipment are failing prematurely resulting in losses to the power utility. Presently, Powergrid Eastern Region is maintaining about 35 nos. of 315 MVA, 400/220 kV ICTs and 22nos. of 50 MVAR shunt reactor. Along with ageing the ICTs and shunt reactors are having problems of gases. As per our experience, in case of failure of ICT, the time consumed in repair / supply of new transformer takes minimum one year time which severely affects the downstream power supply Considering the vulnerability of transformer and geographical approach, two number of 315 MVA, 400 / 220 KV Auto Transformer, one at Biharshariff and another at Durgapur S/s and one no. 50 MVAR shunt reactor at Rourkela as O&M spare will ensure quick restoration in case of failure of ICT and Reactor.

In view of above, it was proposed by PGCIL to procure two number of 315 MVA, 400 / 220 KV Autotransformer and one no. 50 MVAR shunt reactor at strategic location as mentioned above so that in case of any failure fast restoration is assured.

In the above meeting beneficiary States in-principle agreed for the requirement of 2 nos. of spare Autotransformer and one reactor. However, as the matter involves additional capital expenditure and may have commercial implications on transmission availability calculation, members decided that PGCIL might refer the matter to CERC.

Subsequently, Powergrid resubmitted the above proposal in 46th OCC meeting held on 12.01.2010. In this meeting Powergrid informed that NRPC constituents had already agreed for similar type of proposal of Powergrid in the 13th TCC and 14th NRPC meeting held on 18th and 19th September 2009 wherein sharing of cost has been pooled in Regional Transmission Charges of NR. In view of this, Powergrid requested the ERPC constituents for agreeing for procurement of spare auto transformer and reactor.

In the above OCC meeting PGCIL was advised to submit detailed report justifying the need for such transformers on the basis of their operational experience, failure rate of existing transformers, the number of transformer envisaged, the cost of such transformer and how it would yield benefits. It might also consider to include the requirement of constituents also within the same proposal.

It was decided that PGCIL might get a copy of this report sent to the constituents for their perusal, so that they are fully aware of the usefulness. Thereafter, the issue could be taken up in the next OCC meeting.

The issue was further raised in the **47th OCC meeting held on 11.02.2010**. Deliberation in the OCC meeting is as follows :

“PGCIL had circulated a report on the above issue to all the constituent states vide its letter dated 08.02.10 and copy of the same was also circulated among the beneficiary States during the meeting. Representative from BSEB, WBSETCL and OPTCL intimated that they would communicate their views in due course. Representative from OPTCL suggested that the above mentioned spare 3-phase Auto-transformers be allowed to be used by constituent states on commercially agreeable terms and conditions. Representative from PGCIL did not agree to his proposal. M S, ERPC advised that it not a stage to disagree.

It was decided that a meeting with representative from transmission licensees of constituent states would be held separately before the next OCC so that issues / clarifications, if any, from the constituents may be deliberated and a final decision may be taken in the next OCC meeting.”

Subsequently, ERPC has received a proposal from Powergrid vide letter dated 04.03.2010 for procurement of above transformers. The proposal is enclosed at Annexure-IV.

Members may please discuss and decide.

Deliberations in the meeting

It was informed in the meeting that the proposal of Powergrid for procurement of two numbers of 315 MVA, 400 / 220 KV Autotransformer and one number 50 MVAR shunt reactor as O&M spare had been accepted by the constituents in the 48th OCC meeting held on 10.03.2010 for operational purposes. During the deliberation, it was informed by Powergrid that the additional annual transmission charges on account of the above procurement would be around Rs. 5 crores. It was informed by ERPC that the existing monthly transmission charges is around Rs.61 crores. To this, additional amount to the extent of Rs.0.4 crores per month would be added to the transmission charges. After detailed deliberation, members decided the following :

- i) To increase the operational reliability of the grid, two numbers of 315 MVA, 400 / 220 KV Autotransformer and one number 50 MVAR shunt reactor should be procured as O&M spare. One transformer would be kept at Biharshariff, another at Durgapur S/s of Powergrid and one number shunt reactor should be kept at Rourkela.**

- ii) **These would be treated exclusively as regional elements. The transmission charges would be borne by the beneficiaries of the Eastern Region.**
- iii) **Spare transformers and reactor should be used for the CTU network of the Eastern Region only.**
- iv) **Before utilizing the spare transformer and or reactor, the matter is to be discussed in appropriate forum of ERPC.**

It was decided to place the above in the TCC meeting for approval.

ITEM NO.5 LESS REGISTRATION OF METER DATA FOR THE TIE FLOW THROUGH 132 KV MAITHON(DVC)--JAMTARA(JSEB) LINE FOR THE PERIOD FROM 23.09.07 TO 03.12.07 AND REVISION OF UI ACCOUNT BETWEEN DVC & JSEB.

DVC has reported that there was less registration of meter data for 132 kV Maithon HPS (DVC)-Jamtara (JSEB) tie flow from 23rd September 2007 to 3rd December 2007. As both the SEM & TVM at Maithan end was recording less reading (as per DVC), therefore DVC requested JSEB to send the daily line flow data from Jamtara S/S of JSEB. But after receiving the data from JSEB, DVC has mentioned that the daily line flow data received from JSEB for the period September and October 2007 were very much incomplete and incorrect. Therefore, they have requested to revise the UI account for the said period with average monthly MWH data jointly signed by representatives of DVC and JSEB.

The issue was discussed in the **9th Commercial Sub-Committee meeting held on 23.03.2009** in which deliberations was as follows :

“Member Secretary, ERPC suggested that both DVC and JSEB should sit together and try to resolve the issue among themselves. The technical problem like change of polarity of CTs, change of defective meters may be immediately carried out. In case of non-agreement on commercial issues, they may approach ERPC Secretariat.”

In this respect ERPC Secretariat has received a letter dated 04.03.2010 from Chief Engineer (Commercial), DVC. The letter is enclosed at Annexure-V.

DVC may further elaborate. JSEB may please give its opinion.

Deliberations in the meeting

In the meeting JSEB and DVC decided to settle the issue bilaterally before the forthcoming TCC and RPC meeting. JSEB suggested a meeting between JSEB and DVC on 16.03.2010. DVC would confirm the acceptability of the date to JSEB, under intimation to ERPC, for settlement of the issue.

DVC also suggested that in case JSEB and DVC are unable to settle the issue, ERPC Secretariat would be involved to have a amicable settlement of the same.

ITEM NO.6 LILO OF 220 KV JODA (OPTCL)-JAMSHEDPUR (DVC) LINE AT 220 KV STATION AT JINDAL END

A meeting was first held on 30.12.2009 at ERPC, Kolkata between DVC, OPTCL, ERLDC and ERPC to discuss the above issue.

The operationalisation of the above LILO was discussed in the 46th OCC meeting held on 12.01.2010 and also in the 47th OCC meeting held on 11.02.2010.

Accordingly, PGCIL installed a ABT compliance meter at Jindal end at 220 kV Jindal line segment on 09.01.2010. Finally LILO of 220 kV Joda-Jamshedpur line at Jindal was charged and synchronized for the first time at 20.27 hrs on 25.01.2010.

ERPC subsequently received a letter dated 08.02.2010 from ERLDC in this respect.

This is for information of the members.

Deliberations in the meeting

Members noted. ERPC Secretariat informed that in place of 220 KV Joda (OPTCL)-Jamshedpur (DVC) tie line, the new tie line would be Jindal (OPTCL)-Jamshedpur (DVC) for the purpose of all computations of power flow between DVC and OPTCL.

ITEM NO.7 ISSUES RAISED BY ERLDC

A) REQUIREMENT OF SEMs UPTO 2012 (11TH PLAN PERIOD)

A list of SEMs required for new elements coming within 11th Plan period has been prepared by ERLDC and the same was circulated to all constituents during the OCC meeting held on 17.05.2009 at Kolkata.

Powergrid may intimate the status of procurement process.

Deliberations in the meeting

Powergrid informed that tendering process are in advance stage and the meters would be procured in the coming 7-9 months.

B) INSTALLATION OF SEM

132 KV Garwa-Sonenagar line has been made LILO at Japla. SEM

has to be installed at Japla S/S for accounting purpose.

Members may please discuss.

Deliberations in the meeting

ERLDC requested JSEB to shift the SEM meter from Garwa to Japla S/s immediately. JSEB assured to take necessary action in this regard. Therefore, instead of the existing 132 KV Garwa-Sonenagar line, the new tie line would be 132 KV Japla-Sonenagar line.

C) TRAINING ON SCADA / EMS

ERLDC has already placed an award on M/s AREVA for Comprehensive Software and Hardware maintenance service for the equipment installed in the Control Centres under ULDC-ER scheme for 3 years extendable up to 5 years.

The vendors has provided detail cost of training which they can provide on demand basis to the constituents of Eastern Region. The cost details are given as below :-

Sl.No.	Description	Minimum Batch Size	Unit Rate
01.	SCADA Training (5 days in each batch of max. 10 trainees)	1	Rs.3,10,000
02.	EMS Application Training (10 days in each batch of max 10 trainees)	1	Rs.6,82,400
03.	SCADA Database & Display Training (10 days in each batch of max 10 trainees)	1	Rs.6,20,400
04.	Maintenance Training (10 days in each batch of max 10 trainees)	1	Rs.6,20,400
05.	Despatcher's Training (3 days in each batch of max 10 trainees)	1	Rs.2,05,000

The above costs are exclusive of incidental expenses such as stationeries, etc.

Similar training has been provided by M/s AREVA in NER which was funded from Reactive Pool Account after approval by NERPC Board.

Members may discuss regarding the requirement of such training in Eastern Region and funding the same from Reactive Pool

Account. The exact requirement may be finalized in case such training is felt necessary so that the same may be put to ERPC Board for approval for funding from Reactive Pool Account.

Members may please discuss and decide.

Deliberations in the meeting

All members present in the meeting unanimously endorsed that SLDC personnel of the Eastern Region must avail the training as outlined by M/s AREVA. This would equip them for better management of the grid. After deliberation, it was decided that the following training programme may be got arranged from M/s AREVA :

Sl. No.	Description	Minimum Batch Size	No. of Batch required	Unit Rate (Rs.)	Total Cost (Rs.)
1.	EMS Application Training (10 days in each batch of max 10 trainees)	1	2	6,82,400	13,64,800
2.	SCADA Database & Display Training (10 days in each batch of max 10 trainees)	1	3	6,20,400	18,61,200
3.	Despatcher's Training (3 days in each batch of max 10 trainees)	1	2	2,05,000	4,10,000
Total :					Rs. 36,36,000

The total expenditure involved, excluding incidental expenses, is around Rs.36,36,000.00.

Members recommended that in line with the training availed by NER from M/s AREVA from Reactive Pool Account, the above training may be funded from the Reactive Pool Account of Eastern Region.

Further, it was decided in the meeting that ERPC shall arrange, on priority basis, Workshop / Seminar on the following emerging issues :

- a) Transmission cost pricing
- b) Power Exchange
- c) FGMO

Commercial Committee recommended that an amount of Rs.20 lakhs shall be kept aside for Workshop and Seminar including the above subjects for 2010-11.

It was decided that approval of TCC would be taken for Rs.36,36,000.00 for training by M/s AREVA and Rs.20 lakhs for Workshop / Seminar.

ITEM NO. 8 COMMERCIAL DECLARATION OF REGIONAL ASSETS OF POWERGRID PERTAINING TO EASTERN REGION.

DOCO of :

- (a) LILO of one circuit (Ckt-I) of 400 KV D/C Maithon-Jamshedpur transmission line at Mejia "B" TPS.
- (b) PLCC equipment (excluding wave trap) for LILO of one circuit (Ckt-I) of 400 KV D/C Maithon-Jamshedpur transmission line at Mejia "B" TPS.

Powergrid vide letter no. E/PT/CL/14/929 dated 08.03.2010 intimated that the above two nos. assets are part of transmission system for start-up power supply to DVC and a part of Mejia "B" transmission system. Both the assets have been declared commercial with effect from 01.02.2010.

Both assets had been discussed in Standing Committee meeting of ER on 05.05.2007 held at Puri and on 05.11.2007 held at Ranchi.

The assets had also been discussed in the 6th Special TCC meeting held at Kolkata on 11.06.2008.

Investment approval by Powergrid Board of Director have been accorded for Rs.290.49 Crores on 29.04.2008, for transmission system pertaining to Mejia "B", Koderma and Maithon-RB, having completion schedule of 24 (twenty four) months.

Amount pertaining to above assets is Rs.55.66 Crores, which is likely to be revised.

Members may please discuss.

Deliberations in the meeting

Members in the Commercial Committee recommended the commercial declaration of the above elements. It was decided to put it up to TCC.

ITEM NO. 9 ISSUANCE OF REVISED SHARE ALLOCATION FROM CEA / MoP ASSOCIATED WITH COMMERCIAL OPERATION OF UNIT # 7 OF KAHALGAON STPS STAGE-II OF NTPC

The Unit # 7 of Kahalgaon STPS Stage-II of NTPC was synchronized on 31.03.2009. It is expected to be declared under Commercial Operation shortly.

In the 11th Commercial Sub-Committee meeting held on 16.11.2009, it was decided that ERPC would take up afresh with CEA for finalization of allocation from the above unit prior to declaration of COD. It was further decided that NTPC would take up separately with CEA / MoP for finalization of allocation.

It is informed that ERPC has already written a letter on 29.12.2009 to CEA in this regard, copy of which is enclosed at Annexure-VI.

NTPC may please inform the latest status.

Deliberations in the meeting

Members noted.

ITEM NO.10 ADDITIONAL AGENDA

A) ISSUE RAISED BY ERLDC

Approval of cost estimate for ICCP upgradation at ERLDC.

The following control centres are under various stages of implementation which are required to be integrated with ERLDC :

1. Bhutan NLDC (Main & Back-up) : Engineering under progress
2. Jharkhand SLDC (New CC) : Tender evaluation in progress
3. OPTCL (Main & Back-up SLDC) : Under tendering stage
4. DVC under final stage of discussion : MOU expected shortly.

These control centres, which are proposed in recent times, were not envisaged at the time of designing the present system. Accordingly, hardware and software of the present ICCP (Inter Controlcentre Communication Protocol) server needs to be upgraded. The expenditure required for the remote end shall be borne by the respective control centre.

It is estimated that 1.5 crore are required for the proposed upgradation at ERLDC. It is proposed that the estimate may be approved so that the same could be put up to TCC and ERPC Board for final approval.

Deliberations in the meeting

After deliberation, it was decided that Powergrid and ERLDC would make a presentation in the TCC covering the various aspects of the above.

B) Scheduling of Talcher STPP Stage-II

The issue of scheduling of Talcher Stage-II power including the commercial implications thereon was deliberated in the meeting. In the meeting it was suggested that since Southern Region is also involved, a meeting should be first convened among ERPC, SRPC,

ERLDC and SRLDC. Thereafter, the same, if necessary, may be brought in ERPC forum for deliberation.

C) De-registering of Tie Lines

In the meeting ERLDC intimated that the following existing tie line between DVC and WBSEDCL are de-registered with effect from 00.00 hrs of 29th March, 2010. Hence, these may be appropriately taken into account while making the UI computation :

- a) 132 kV Purulia-Purulia**
- b) 132 kV Kharagpur (Hizli)-Kharagpur.**

Members noted.

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