

## **Minutes of the 90th Central PTCC meeting held on 30<sup>th</sup> October, 2009 at Bangalore.**

The 90th Central PTCC meeting was inaugurated by the Chief Guest Smt. Lata Krishnarao IAS, MD, KPTCL, and chaired by Sh. A.K. Aggarwal, Chief Engineer (LD&T) CEA. The meeting started with a devotional and invocation prayer dedicated to Lord Vishnu sung by Mrs. P.L. Annapurna followed by lightning of lamp by the dignitaries. The list of participants is annexed.

**Shri H.S. Keshavamurthy**, Chief Engineer, KPTCL & Member (Power), SLPTCC warmly welcomed all the participants and delegates including the chief Guest Smt. Lata Krishnarao, IAS, MD, KPTCL, Shri A.K. Aggarwal, Chief Engineer (LD&T) CEA and Chairman, Central PTCC, special invitee Shri Pratap Kumar, Director, KPTCL, Sh. D.K. Malik, Director (PTCC), CEA, special invitee Smt Aditi Raja, Director (Finance), KPTCL, special invitee Shivyogi Kalash, Director (HRD), KPTCL, Sh. Jamuna Prasad, CGM, Inspection Circle, BSNL, Jabalpur, Shri G.C. Manna, GM, Inspection Circle, BSNL, Jabalpur, Shri Rakesh Ranjan, Director (Telecom), Railway Board, ND and Shri Chandra Mouli, GM (O), Karnataka Telecom Circle, Bangalore.

**Shri A.K. Aggarwal**, Chief Engineer, CEA and Chairman, Central PTCC in his opening speech welcomed all the dignitaries and participants from Power, Telecom, Railway and Defence. He thanked KPTCL for making an excellent arrangement for hosting the 90th Central PTCC meeting in the capital and garden city of Karnataka. He especially thanked Smt. Lata Krishnarao, IAS, MD, KPTCL, for her benign presence as the Chief Guest in the Central PTCC meeting. Shri A.K. Aggarwal emphasized the role of Central PTCC in the present changing scenario where 95,000 Ckt. KM. of power lines are to be added in the existing grid to evacuate 80,000 MW power during the 11th Five Year Plan. He informed the Central PTCC that 1200 kV UHV power lines are being planned along with 765 kV lines for evacuation of power from generating sources to load centres. He advised all the participants especially from power sector to submit their proposal early ensuring quicker PTCC route approval for charging their power transmission line. He mentioned that the Central PTCC has to play vital role in a multi-dimensional form as advisory and regulatory in the today's scenario when various stakeholders are involved both in the power and telecom sectors. He also stressed the need for ensuring the maximum number of unguarded power crossing to be guarded sooner than later particularly in the State of Uttaranchal. He advised all the SEB's/Power Utilities to adhere to strict schedule for holding SLPTCC meetings at regular intervals especially in the North-Eastern Region where issues like unilateral charging of power and telecom lines can be resolved efficiently by mutual co-operation.

He also stressed the need to comply with the directives, regulations and code of practice evolved by Central PTCC to avoid any untoward incidence. He expresses his happiness that in the past one year no such incidence of electrocution has been reported to Central PTCC. He informed the Committee about the preparation of draft PTCC manual and its availability on CEA website for comments on behalf of the constituents of Central PTCC. He informed the gathering about the software developed by CEA for calculation of mutual coupling and advised them to take necessary steps in the right direction to take the assistance and proper training with regard to the software. At the end, he hoped for the successful outcome and healthy deliberations in the meeting.

**Shri Jamuna Prasad**, CGM, Inspection Circle, BSNL, Jabalpur welcomed all the participants. He highlighted the importance of Central PTCC in view of the fast and rapid development in the sphere of Power and Telecommunication Sectors. He said that for the safety aspects of Telecommunication Sectors and its equipment, the role of PTCC is crucial to ensure that no obstruction or any damage is caused to any telecom circuits or equipments due to the electromagnetic induction emanating from EHT lines. He expressed his unhappiness over the delay in according PTCC clearance. Shri Jamuna Prasad said that out of 470 cases pending for PTCC clearance, only 145 cases have been accorded PTCC clearance. He stressed the need to make the process of according PTCC clearances faster and quicker so that power lines are commissioned and charged without any delay. He emphasized the need for conducting SLPTCC meeting regularly. He touched upon the aspects of guarding of power lines and the urgent need to bring them to ZERO. With the help of statistics, he informed the Central PTCC that 729 unguarded power crossings are yet to be guarded out of which 493 power guard are to be provided by the power utilities and 31 is to be provided by Telecommunication entities. He appreciated CEA for preparing the draft PTCC manual and posting of the same on its website. He invited all the participants to send their comments within a stipulated time so that the PTCC manual is finalized, printed and circulated to all the constituents of Central PTCC. He hoped for the successful deliberations of the Central PTCC meeting.

**Shri G.C. Manna**, GM, Inspection Circle, BSNL, Jabalpur addressed the participants of the 90th Central PTCC meeting. He said that the concept of PTCC was formulated and its existence was necessitated due to the hazardous electromagnetic induction flowing from EHT power lines to Telecom lines and to safeguard the interest and to ensure the safety of telecommunication circuits and precious human life. He exposed a new threat to telecommunication circuits being caused by the road developing agency especially the CPWD and PWD.

**Smt. Lata Krishnarao**, MD, KPTCL addressed and welcomed all the participants from all the Sectors of Power, Telecom, Railway and Defence. She said that all the sectors viz. Power, Telecom, Railway & Defence work for

the better infrastructure for the country. So, in view of the changing needs of the society and scientific and technological innovations, these fields must be harnessed to its full extent so that the ultimate demand i.e. the development process of infrastructure for the betterment of the country goes on unabated. She hoped that PTCC would work for the better co-ordination among its constituents for faster and rapid development of the infrastructure Sectors viz. Power, Telecom and Railways which are the backbone of the progress of country . She stressed the need for expediting the approval for both the power and telecom lines. She said that every organization whether it is CEA, BSNL and Railways, all are highly technical and expert in their respective field working for the benefit of whole country. Appreciating the efforts made by CEA in revising the PTCC manual, she hope that new PTCC manual would be addressing all the problems in the present scenario for quicker and faster approval of the new power transmission line without compromising on the safety aspects. She wished the members of Central PTCC for the successful deliberations and pleasant stay at Bangalore.

After the self introduction by the participants the agenda points were taken up for discussion.

## **1.0 Confirmation of the Minutes of the 89th Central PTCC meeting held at Aurangabad on 23.01.2009.**

The Minutes of the 89<sup>th</sup> Central PTCC meeting were circulated by CEA vide letter No.LD&T/1/2008-PTCC dated 30.03.2009. No comments were received on this. CEA suggested an amendment to the decision taken in the last central PTCC meeting against item No.2.15.2. (refer agenda item no. 2.15.2 for proposed amendment) The proposed amendment from CEA was deliberated by the committee and finally accepted by Central PTCC.

The amendment is reproduced below:

**In the 89<sup>th</sup> Central PTCC meeting it was decided by the Committee that the private parties be advised to route their PTCC proposals through Member (Power) State Transmission utility/ Central Transmission Utility/ SLPTCC of the concerned state.**

**Regarding this procedure, CEA has observed that in certain cases there had been considerable delay in forwarding the PTCC proposal of the private parties to CEA by the Member (Power) SLPTCC/CTU/STU. This delay prolongs the process of PTCC clearance much beyond the stipulated time. Therefore in amendment to the earlier decision it was proposed that all PTCC proposals which are to be processed by CEA (220kv and above) be sent directly to CEA with a copy to the respective Member Power SLPTCC/STU/CTU.**

**After deliberations on the amendment proposed by CEA it was agreed by the Central PTCC to follow the above mentioned amended procedure with immediate effect.**

Thereafter the minutes of the 89<sup>th</sup> Central PTCC Meeting were confirmed by the members of the Committee.

## **2.0 Follow-up on the agenda points of the Minutes of the 89<sup>th</sup> Central PTCC meeting.**

### **2.1 Ensuring 'Zero Level' on unguarded power crossings.**

This agenda item has been under discussion since 76<sup>th</sup> Central PTCC meeting and was also discussed in detail during the 89<sup>th</sup> Central PTCC meeting held at Aurangabad on 23<sup>rd</sup> January 2009. During the deliberations in the last Central PTCC meeting Chairman, Central PTCC Sh A.K.Aggarwal took a serious view on the large number of power crossings in many States. He took up the matter with the Managing Directors of those power utilities which had the maximum number of unguarded crossings. After protracted follow-up by CEA & BSNL, there had been a remarkable reduction in the unguarded power crossing. However, the number of crossing in Uttaranchal Circle had not come down. The matter was discussed by the Chairman, Central PTCC with MD of Uttaranchal Power Corporation Ltd (UPCL). MD

UPCL promised to look into this matter and requested CEA to supply a list of the locations along with the name of the power line where guarding are to be provided. During the deliberations, DE (T), PTCC, Northern Region, agreed to supply the list of the unguarded locations within a week time. CGM, Inspection Circle, BSNL, Jabalpur instructed DE (T) PTCC from Eastern & Southern Region to forward such cases of other utilities to CEA so that the matter can be taken up with the concerned power utilities.

**(Action: DE (T), PTCC Northern Region & Eastern Region)**

## **2.2 Formation of Committee for Revision of PTCC Manual, 1995 edition.**

Director (PTCC) CEA stated that the Sub-committee formed for the revision of PTCC Manual was strengthened by inducting few more experienced officers in the sub-committee. The PTCC Manual has been drafted after incorporating the suggestions/comments received from the members of the sub-committee and various stakeholders. The draft PTCC Manual has been posted on CEA website in the first week of August, 2009. All the members of Central PTCC, Chief Engineers of the SEB's/ Power Utilities, Inspection Circle BSNL, all stakeholders and the members of the sub-committee were informed about the availability of draft PTCC Manual on CEA website with a request to give their views/ comments for value addition in the draft PTCC Manual.

During the discussions on the draft PTCC Manual, Director (PTCC) CEA clarified that screening factors of power cables and underground telecom cables have been given in the manual, however, screening factor of Poly Insulated Jelly Filled (PIJF) cables will be added along with these. It was also agreed that the screening factors as recommended in the CCITT directives should be included in the PTCC manual to be followed by all concerned.

Chairman Central PTCC requested all the stakeholders to forward their comments in a month time. Thereafter the manual shall be taken as finalized.

## **2.3 Computerization / digitalization of transmission lines, marking of telecom details by BSNL / Railways on the digital map of Survey of India.**

Chairman, Central PTCC informed the gathering that the proposal for Computerization of PTCC is under process for approval of Competent Authority. After the approval, CEA requires nodal offices from Railway and BSNL so that the work could be started immediately. CGM, Inspection Circle, BSNL, proposed the names of all the four DE (T), PTCC as nodal officers from BSNL side. From Railways, Director (Telecom), Railway Board shall be the nodal officer.

## **2.4 Supply of software for calculation of Induced Voltage and related technical guidance to SEBs/Power utilities.**

The upgraded version of softwares for calculation of mutual coupling and fault current under single line to ground fault conditions is available with PTCC

Directorate of CEA. It has been decided to provide the software developed by LD&T division of CEA to state Govt. power utilities for their own official use. It was informed by the Chairman Central PTCC that CEA shall supply the software free of cost to the interested state Govt. power utilities. He further requested the power utilities to send their request to Director (PTCC) for on the job training for this computer software. It was made clear by Director (PTCC) that software provided would be for calculation of mutual coupling only. The calculation of fault current would be done by the power utilities on their own.

## **2.5 Arranging SLPTCC meeting at regular intervals.**

It was reported by DE (T), PTCC, BSNL of all the regions that SLPTCC meetings are not being held at regular intervals in some states. In certain States, these meetings have not been held since long even after repeated reminders by the DE(T) to the concerned officers of the Power Utilities/BSNL, To overcome this problem, CEA suggested that whenever a notice for arranging the SLPTCC is issued, a copy of the same should also be endorsed to CEA along with the name, address, telephone & mobile No. of the concerned officer so that CEA can pursue the matter directly with them.

(Action:All DET's, PTCC)

## **2.6 Non-submission of investigation report by the Chief Electrical Inspector, Govt. of Orissa.**

Director (PTCC) CEA stated that this matter is under discussion since last several PTCC meetings. On the basis of the report given by Chief Electrical Inspector it has been established that this accident occurred as no guarding had been provided at the crossing of power and telecom line. This is a case of violation of PTCC code of practice and the violator could not be established as the date of existence or the date of PTCC approval of the 11 kV line from Khari to Sagarpalli and the telecommunication line emanating from Khameshwarpalli telephone exchange could not be established. Both BSNL and Power Authorities were not able to produce the date of commissioning or the date on which PTCC route approval was accorded. Finally, it was decided that that the matter may be discussed at the State Level PTCC meeting where both the parties should decide the later entrant based on the documents and proofs available with them.

During the discussion, it was informed by representative from OPTCL that the distribution company could not be present during the SLPTCC meeting as the communication for the SLPTCC meeting was not received by them. He said that the distribution company have got evidence regarding the date of existence of the power lines. It was decided by the Committee that the matter may be taken up at SLPTCC meeting where both the parties should try to settle the case amicably or otherwise refer the case to the appropriate regulatory commission.

(Action: OPTCL, BSNL Orissa Telecom Circle.)

## **2.7 Nomination of member from Discom/Distribution Companies for State Level PTCC (SLPTCC)**

It was reported by DE (T), PTCC of all the regions that in the State Level PTCC meetings, there is no representation from Distribution Companies of the State. Certain items relating to distribution problems could not be discussed or resolved due to non- participation of the representative from Distribution Companies. All the DE(T), PTCC reported that although the matter had been taken up during the SLPTCC meetings but the nomination from all the distribution companies are still to be received. It was decided by the Committee that the matter should be taken up again at the forthcoming SLPTCC meetings of all the States. Thereafter, the list of the defaulters be prepared and submitted in the next Central PTCC meeting for further action by the Committee.

**(Action: All DET'S PTCC)**

## **2.8 Provision of reserve stock of GD tubes.**

Director (PTCC) CEA informed that as per the decision taken by the Central PTCC, the power utilities can maintain a reserve stock of GD tubes and for this the technical specification of GD tubes is to be submitted by BSNL & Railways. In the last Central PTCC meeting Director (Telecom), Railway Board informed the Committee that the matter regarding specifications of GD tubes had been forwarded to RDSO, Lucknow and was still pending with them. Shri Rakesh Ranjan, Director (Telecom), Railway Board informed the Committee that specifications of GD tubes will be expedited with RDSO, Lucknow and the same would be made available in two months time.

**(Action: Director (Telecom) railway Board)**

## **2.9 Agenda from OPTCL**

Director (PTCC) , CEA stated that during the 89<sup>th</sup> Central PTCC meeting held on 23<sup>rd</sup> January 2009 at Aurangabad, East Central Railway and South Eastern Railway reported that they are not able to forward the Railway Telecommunication details as required for PTCC clearance, due to lack of proper training. Director (Telecom), Railway Board suggested that a special training course be conducted by CEA at IRISSET (Indian Railway Institute Signal Engineering & Telecom) located at Secunderabad where personnel from other zones of Railway could also be invited, As such,they would also be benefited by the training imparted by CEA. Accordingly a special training course was conducted by CEA officers at IRISSET from 22<sup>nd</sup> to 24<sup>th</sup> July 09 where 36 officers representing all the zones of Indian Railways were present. Director (Telecom), Railway Board informed that the training course organized by CEA was very well appreciated by all the participants and the officers of IRISSET. He requested CEA to conduct these type of courses every year for the benefit of railway personnel engaged in PTCC activities. Chairman, Central PTCC asked Director (Telecom) Railway Board to forward a request for conduction of this course.

**(Action: Director(Tele) Railway Board)**

## 2.10 Screening effect of Four Rails (Return Track together)

In the 89<sup>th</sup> Central PTCC meeting held on 23<sup>rd</sup> January 2009 at Aurangabad, CEA had informed that the Screening Effect of four Rails (Double track) is not being considered in the induced voltage calculations. It was suggested by CEA that now almost all the Railway routes are double line tracks, so as per CCITT guidelines, the Screening Effect of all the Rails should be taken into consideration. The responsibility of adopting this parameter was entrusted to the Sub-committee which has been constituted for revision of PTCC Manual. Since many members of the Sub-committee were present during the meeting, it was decided that screening effect of the rails shall be applicable as given in the CCITT recommendations. The photocopy of the relevant page from CCITT Directives shall be circulated to all the members of the committee.

(Action: CEA)

## 2.11 Formation of Protection/Re-engineering Supervisory Sub-committee.

Director (PTCC), CEA informed that to streamline the work of re-engineering, CEA has suggested that a standing Sub-committee be constituted who should scrutinize the re-engineering estimates as to bring uniformity in the scope of equipment required and cost aspects thereof. The Central PTCC had accepted the proposal of CEA for formation of a Sub-committee to scrutinize the re-engineering estimates. The Chairman, Central PTCC, advised that in order to make this Supervisory Committee most effective it should include a member from the affected power utility and he should also be the convener of the meeting. He proposed that there should be three permanent members of this Supervisory Committee

1. Director (PTCC), CEA,
2. AGM (PTCC) T&D Circle, Jabalpur,
3. Director (Telecom), Railway Board.

He further proposed that there should be two/three floating members in the Sub-committee which would be as follows:

1. A representative from the affected power utility whose re-engineering proposal is to be scrutinized by the Sub-Committee.
2. A representative from the organization who has given the re-engineering estimate. It will be either BSNL or Railways.
3. Any other entity which is directly affected by this re-engineering estimate.

Chairman Central PTCC further stated that whenever required, the meeting of the above committee had to be convened by the affected power utility.

The above decision has now become a part of the revised PTCC Manual,

This item is closed for future agenda.

## **2.12 Violation of PTCC code of practice.**

Director (PTCC) CEA, informed that while discussing this agenda point during the 88<sup>th</sup> Central PTCC meeting held on 29<sup>th</sup> May 2008 at Bhubaneswar, it was decided by GM, BSNL that the marking of telecommunication details would be revised and stated that distribution cables of short length need not be marked in future for IV computation. In the 88<sup>th</sup> Central PTCC meeting, BSNL assured that the telecom circuits likely to be affected due to parallelism need only be marked with respect to short length distribution cables / circuits to avoid such large no. of circuits for calculation. After brief discussion on this item it was decided that the sub-committee set up for agenda item no 2.14.3 would cover this point also.

## **2.13 Agenda from South Western Railway, Hubli**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

## **2.14 Agenda items from CEA.**

### **2.14.1 Correspondence with DE (T), PTCC of all the four regions by E-mail.**

The E-mail addresses of Director(PTCC), CEA and of all DET;s PTCC is given so that correspondence could be carried out electronically by E-mail without any postal delay.

The E-mail ID of Director PTCC, CEA is [dirptcc.cea@gmail.com](mailto:dirptcc.cea@gmail.com)

The names and email ID of DET(S) , BSNL are as follows:

1. Sh U. Sundaram, DGM A/T cum DE (PTCC), Mumbai.  
Email: [dtptccmbi@rediffmail.com](mailto:dtptccmbi@rediffmail.com)  
Contact Numbers: 022-26608864 (O), 022-24157125 (R),  
09422475554 (M) FAX, 022-26604434
2. Sh. A.Bellarmin. DE(PTCC), Chennai  
E-mail [deptccchi@rediffmail.com](mailto:deptccchi@rediffmail.com)  
Contact Numbers: 044-2235550 (O), 044-22591313 (R),  
09444991313 (M) FAX-044-22354646
3. Sh.Prem Shah, DE(PTCC), New Delhi.  
E-mail :- [premsah@rediffmail.com](mailto:premsah@rediffmail.com)

Contact Numbers: 011-23713816 (O), 09868136364 (M)  
FAX-011-23713817

4. Sh. P.N.Jetti DE (PTCC), Kolkata.  
Email:- detptcc\_er\_kolkata@hotmail.com  
Contact Numbers: 033-22413724 (O), 033-22415941 (R),  
09449855725(M)

The item is closed for future agenda.

#### **2.14.2 PTCC clearance of HVDC lines**

Director (PTCC) CEA, informed that in pursuance of the decision taken in the 89<sup>th</sup> Central PTCC meeting held at Aurangabad on 23<sup>rd</sup> January 2009, a high level meeting was convened between senior officers from CEA, BSNL and PGCIL on 4<sup>th</sup> September 2009. The issue was discussed in length. During the meeting it was decided that PGCIL would give a undertaking that in case of any abnormality noticed on the communication circuits POWERGRID would take all precaution and protective measures to safe guard telecom lines and equipments as per the norms laid down by PTCC.

After the undertaking was given by POWERGRID the PTCC route approval was issued by DET (PTCC), Northern Region on behalf of Central PTCC.

During the Central PTCC meeting it was proposed by representative from PGCIL (NER) that the same procedure may also be adopted for according PTCC route clearance for 800 kV HVDC line from Biswanath Chanyali to Boingaon. The proposal from PGCIL was accepted by the Central PTCC and they were advised to forward a request regarding this. There after, a meeting would be fixed at the convenience of all concerned.

(Action: PGCIL NER)

#### **2.14.3 Marking of telecommunication circuits of length upto 5 k.m.**

Director (PTCC) CEA, informed that in the 89<sup>th</sup> Central PTCC meeting held on 23<sup>rd</sup> January 2009 at Aurangabad, CEA had proposed that telecommunication circuits whose length is less than 5 k.m. and are more than 2 KM apart from the power line need not be marked. From the analysis of results of detailed studies of cases, it has been observed that almost all the telecommunication circuits whose length is less than 5 k.m. and are more than 2 KM apart from the power line, are not getting adversely affected by the paralleling of power lines as the induced voltage levels on these circuits is less than 430 volts. The proposal was welcomed by all sections as this would facilitate in expeditious processing of the proposal for PTCC clearance. After the deliberations, it was decided that before accepting this proposal, a proper study should be conducted. For this purpose a two member Committee was formed to study this proposal and give their recommendations to the Central PTCC.

The proposed members of the Committee are

1. Director (PTCC), CEA, New Delhi
2. Shri U. Sundaram, DE (T), PTCC, Western Region, Mumbai.

He further informed that thirteen cases were studied by CEA and based on the analysis of the study it was found that IV is less than 430 volts on all the telecom circuits having a length less than 5 M and separation more than 2 KM. The analysis has been forwarded by CEA to DET (PTCC) Mumbai on 15.09.09, for his comments. After a brief discussion on this agenda Sh U.Sundaram DGM A/T, BSNL informed that he will consult DET;s PTCC of the other regions to analyze the IV figures on such type of telecommunication circuits due to 132 kV lines also. He said that since this decision shall have long lasting effect so before arriving at any conclusion a proper study be made. He assured the members that a final decision on this would be given soon.

(Action: DET (PTCC), Western Region)

## **2.15 Agenda from Inspection Circle, BSNL**

### **2.15.1 Agenda from DET PTCC, Chennai**

DE (T), PTCC, Southern Region, Chennai brought to the notice of the Central PTCC that certain power line cases were pending for PTCC route approval since 1993. The PTCC route approval was still pending as re-engineering works of Railway Telecommunication circuits had not been completed. Chairman Central PTCC took this undue delay seriously and decided that a meeting of the Re-Engineering Supervisory committee be called at the earliest by DET(PTCC), Southern Region and the pending cases be cleared within two months.

(Action: DET, PTCC, Chennai)

### **2.15.2 Agenda from DET PTCC Mumbai**

Director (PTCC) CEA, informed that in the 89<sup>th</sup> Central PTCC meeting held on 23<sup>rd</sup> January 2009 at Aurangabad DET, PTCC, Western Region, Mumbai had brought to the notice of Central PTCC that private parties are submitting power line cases to him for PTCC clearance. DE (T), PTCC, Mumbai wanted guidelines from the Central PTCC as to whether these cases should be accepted directly from the private parties or they be advised to route the PTCC proposals through the concerned Member (Power), SLPTCC of that state, After the deliberations in the 89<sup>th</sup> Central PTCC meeting it was decided by the Committee that the private parties be advised to route their PTCC proposals through Member (Power) State Transmission utility/ Central Transmission Utility/ SLPTCC of the concerned state.

**Regarding this procedure, CEA has observed that in certain cases there had been considerable delay in forwarding the PTCC proposal of the**

private parties to CEA by the Member (Power) SLPTCC/CTU/STU. This delay prolongs the process of PTCC clearance much beyond the stipulated time. Therefore in amendment to the earlier decision it was proposed that all PTCC proposals which are to be processed by CEA (220kv and above) be sent directly to CEA with a copy to the respective Member Power SLPTCC/STU/CTU. While submitting the proposal, the agencies should submit all relevant documents i.e MOU/sanction from Power Ministry/CEA etc. in support of their proposals to construct power lines.

After deliberations on the amendment proposed by CEA it was agreed by the Central PTCC to follow the above mentioned amended procedure with immediate effect.  
The item is closed.

### **2.15.3 Agenda from DET PTCC, New Delhi**

Director(PTCC) informed that in the 89<sup>th</sup> Central PTCC meeting held on 23<sup>rd</sup> January 2009 at Aurangabad DE(T), PTCC, Northern Region, brought in the notice of Central PTCC that few power lines had been charged without PTCC approval. Even the details of the cables laid by BSNL/MTNL were also not forwarded for PTCC route approval. It was decided by the Committee that the matter be discussed in SLPTCC meetings and the defaulters be asked to apply for PTCC route approval. In this meeting DET PTCC Northern Region informed that since no SLPTCC meeting could be conducted in many states, so the matter could not be discussed. He was again advised by the Committee to get the SLPTCC meetings conducted to resolve the issue.

(Action:DET PTCC, New Delhi)

### **2.15.4 Agenda from Southern Telecom Region, BSNL.**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

### **2.16 Agenda from Karnataka Power Transmission Corporation limited.(KPTCL)**

#### **2.16.1 Refund of protection charges by South Western Railway**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

### **2.16.2 Non-issuing of NOC by South Western Railway**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

### **2.17 Agenda from Orissa Power Transmission Corporation Ltd**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

### **2.18 Agenda from MP Power Transmission Company Ltd.**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

### **2.19 Agenda from PGCIL, Nagpur**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

### **2.20 Agenda from PGCIL, Vadodara**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

### **2.21 Agenda from AP Telecom Circle, BSNL, Hyderabad**

Director (PTCC) CEA, informed that during the 89<sup>th</sup> Central PTCC meeting held on 23<sup>rd</sup> January 2009 at Aurangabad, the DGM from AP Telecom Circle brought to the notice of the Central PTCC about an accident that caused damage to equipment of Dubacherla Telephone Exchange and Pothavaram Telephone Exchange. In Aurangabad the case could not be discussed fully as the enquiry report of the Electrical Inspector of the Andhra Pradesh Govt. was not there. Now it has been informed to the Central PTCC that the Electrical Inspector has refused to conduct any inquiry as this is not an electrocution case. Representative from AP Telecom Circle was advised by the Chairman, Central PTCC to take up this matter at the state level PTCC meetings. In

case it still remains unresolved it could be forwarded to Central PTCC for further directions.

(Action: AP Telecom Circle, BSNL)

## **2.22 Agenda from Punjab State Electricity Board.**

The issue was deliberated and resolved in the 89<sup>th</sup> Central PTCC Meeting held at Aurangabad on 23<sup>rd</sup> January 2009 and the minutes were issued accordingly.

The item stands closed.

## **3.0 New Agenda Items**

### **3.1 Agenda from KPTCL.**

**Non obtaining of PTCC approval by Railways for converting Overhead GI wire Telecom Circuits to the Underground Armoured OFC & Quad Cables in their entire network in India(Irrespective of Telecom Circuits i.e. Section , Block & LC Gate etc.)**

Chief Engineer, KPTCL informed the committee that the PTCC approvals had not been taken for any conversion work carried out by Railways of late. Now, when the power sector had applied for PTCC approval, it was noticed that the Railway Authorities had shown their telecom circuits comprising of armoured OFC & quad cables for which the PTCC approval had not been obtained by them. In such circumstances, the power utilities are liable for payment of protection charges of their telecom circuits. As per PTCC norms, the Railways should be considered as later entrant and the power utilities should not be liable for any payment.

The contention of KPTCL was discussed in detail by the Central PTCC and it was informed that whenever Railways would be replacing the existing system with a system having a better immunity level, then no fresh PTCC route approval should be required. However they would be informing the power utility for record purpose Whereas for the new routes, Director(Telecom) Railway Board assured the Central PTCC that they would be seeking PTCC approval.

(Action: Director(tele) Railway Board)

### **3.2 Agenda from PGCIL, WR-II, Vadodara.**

PGCIL informed that for according PTCC clearance to 765 kV Seoni - Wardha power line, an amount of Rs.1.85 crores was deposited by POWERGRID to South East central Railway (SECR)-Bilaspur for re-engineering the affected Railway circuits. He requested that the status of implementation of the works and adjustment of advance made to SECR-Bilaspur be communicated to them. Similarly for according PTCC route approval for 765 kV Seoin- Khandwa power line, an amount of Rs.3.29 crores was deposited with SECR-Bilaspur

Minutes of the 90<sup>th</sup> Central PTCC meeting held at Bangalore on 30<sup>th</sup> October, 2009  
towards replacement of overhead telecom circuits to underground co-axial  
cable on Seoni-Chhindwara Section Even though SECR, Bilaspur has

furnished the work completion details, auditor certificate for the expenditure  
break-up from SECR, Bilaspur would be required for submission to  
POWERGRID for auditing purpose.

Director(Telecom) Railway Board assured the representative of PGCIL that  
the work was already in progress and they would submit the auditor certificate  
thereafter.

(Action: Director(tele) Railway Board)

### 3.3 Agenda from PGCIL, ER-II, Kolkata

PGCIL ER-II wants to know the status of the following transmission line  
cases forwarded by them for PTCC clearance.

Sl.No.	Name of the Power Line	Status
1	400 kV D/C Sagardighi – Parulia	IV issued by CEA on 12.05.09
2	220 kV D/C Sagardighi – Gokarna	IV issued by CEA on 06.03.09
3	400 kV Baripada – Mendhasal	Railway details awaited
4	400 kV D/C Rourkela – Raigarh	BSNL details awaited
5	400 kV D/C Maithon – Durgapur	Under Computation by CEA
6	400 kV D/C LILO at Mejia	Railway details awaited
7	400 kV Maithon (PG) – Maithon RB TPS	BSNL details awaited
8	400 kV D/C Maithon (PG)- Mejia “B”TPS (DVC)	Proposal not received.

Representative from PGCIL was apprised about the present status of the above  
cases  
The item stand closed.

### 3.4 Agenda from PGCIL WR-I

The representative from PGCIL had informed that PTCC proposals were  
being submitted to the concerned authorities by the Project-in-charge of  
the concerned Transmission line under WR-I. In certain cases PTCC  
authorities were insisting to forward the PTCC proposal through regional  
headquarters, which was resulting in delay. It was requested by them that  
the PTCC proposals forwarded by the respective Project-in-charge to the  
PTCC authorities may be accepted.

After deliberations Central PTCC decided that to avoid any procedural  
delay, the PTCC proposals forwarded by the respective Project-in-charge  
of PGCIL to the PTCC authorities might be accepted.

The item is closed.

#### 4.0 New Agenda Items

New Agenda Items with the Permission of the Chair

#### 4.1 Agenda from KPTCL

**Chief Engineer KPTCL, Karnataka had informed that Whenever they had applied for PTCC route approval for the LILO of power line or Tapping/Tee off of the main power line, DET (PTCC) Southern Region BSNL, insist for submitting the reference vide which the PTCC approval of the main line was accorded.**

During the discussion on this agenda, Chief Engineer KPTCL informed the Committee Members that some of the main lines were commissioned nearly 15 to 20 years earlier and their route approval references were not available in KPTCL offices. Since the old papers/records had been discarded/weeded out, it would be difficult to furnish the reference vide which the main line was accorded PTCC route approval.

After consulting with CGM (Inspection Circle) BSNL, Chairman Central PTCC gave a decision that in future Route approval reference for main line should not be insisted upon whenever a proposal for new tap/LILO line is forwarded for PTCC route approval. However, the power authorities should categorically state in the Questionnaire that the Main line is approved by PTCC.

The meeting ended with a vote of thanks from Sh. H.S.Keshvamurthy, Chief Engineer, KPTCL

**The 91<sup>st</sup> Central PTCC Meeting would be organized by Inspection Circle, BSNL, Jabalpur in the Eastern Region.**

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