



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
भार प्रेषण एवं दूर संचार प्रभाग



[ISO: 9001: 2008]

Load Despatch & Telecommunication Division

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No.LD&T/1/2013-PTCC/

Dated: 08.05.2013

To,

To all Constituents of Central PTCC.

Subject: Minutes of the 96th Central PTCC meeting held at Ahmedabad on 24th January 2013.

Sir,

The minutes of the 96th Central PTCC meeting held on **24th January 2013** at Ahmadabad has been posted on CEA website for the kind information of all concerned..
The Minutes of the meeting can be downloaded from CEA website <http://www.cea.nic.in/> under the heading "New Uploads".

It is requested that any follow-up action required on behalf of your organization may please be initiated immediately so as to achieve fruitful results before the 97th Central PTCC meeting .

The 97th Central PTCC meeting is proposed to be held during in the month of July/August 2013. Agenda items, if any, for the next Central PTCC meeting may please be sent directly to the undersigned with a copy to Chief General Manger, Inspection Circle, Bharat Sanchar Nigam Ltd., Sanchar Vikas Bhawan, Residency Road, Jabalpur – 482 001.

Exact date and other details of the next Central PTCC meeting will be communicated separately.

Yours faithfully,

(D.K. Malik)
Director (PTCC)

**Minutes of the 96th Central PTCC meeting
held on 24th January, 2013
at AHMEDABAD**

- The 96th Central PTCC was held at under the chairmanship of Shri S.K.Bhandari, Chief General Manager, Inspection Circle on 24th January 2013 in the Seminar Hall, 11th floor o/o, CGM, Gujarat Telecom Circle, Ahmedabad. Shri P.B.Patel, Additional Chief Engineer, GETCO, Ahmedabad, had been kind enough to adorn the chair as Chief Guest. Shri D.N.Tripathi CGM, Gujarat Telecom Circle presided over the meeting.
- Representatives from BSNL, Central Electricity Authority, Railways and various Electricity Boards attended the meeting. The list of participants is enclosed herewith.
- Shri U.Sundaram, DGM Inspection circle heartily welcomed all the officers on the dias, i.e. Honorable Chief Guest for the 96th Central PTCC Meeting Shri P.B.Patel, Additional Chief Engineer, GETCO, Ahmedabad, Shri S.K.Bhandari, CGM inspection Circle, Jabalpur & Chairman CLPTC, Shri D.N.Tripathi, CGM Gujarat Telecom Circle, President for organizing the meeting, Shri. D.K.Jain, Chief Engineer, CEA & Co-chairman for the meeting, Shri.D.K. Mallik, Director (PTCC) CEA and Secretary (Power, Central PTCC) and other Officers of Telecom (BSNL), Electricity Boards and Railways and Defence.
- In his welcome address, Shri. D.K.Malik, informed that achievements made after the last meeting held at Jabalpur have been appreciated by all. He informed that since decentralization of PTCC in 1978 CEA has processed about 6500 proposals for PTCC Route Approval. He further said that as on date there are 355 proposals in hand with CEA for processing of PTCC RA. Out of these 355 proposals only 45 proposals are complete in all respects and are ready for computation of IV. Balance 310 proposals are incomplete for which either BSNL, Railway or power details are still awaited. He told the members that IV comments for 15-20 proposals are issued per month and assured that the backlog shall be cleared soon.
- While addressing the meeting, Shri D.K.Jain Co-chairman told that the PTCC plays a vital role in day to day life of a human being by protecting the lives and assets of Power, Telecom and Railways networks. But he expressed that instead of competency, every sector should come together and resolve the problem for the benefit of customers and prevent hazards. For this all have to follow the rules of standing committee named Central PTCC constituted long back in 1949. The committee to review the norms periodically and safety measures are suggested. He also stressed on importance of legacy data from Railways, Telecom for early computerization of the process.

- The Hon'ble Chief Guest Shril P.B.Patel, on his own and on behalf of GETCO thanked CEA, BSNL giving him an opportunity to be the chief guest for the meeting. He reminded that since formation of Central PTCC, meetings are regularly conducted and it is very action even after formation of 62 years back. It is acting as multi-sector synergy forum playing an important role by reviewing periodically technological changes occurred. He wished all the best for successful deliberation and conduction of meeting.
 - Shri D.N.Tripathi, CGM Gujarat Telecom Circle, President for organizing the meeting, in his welcome speech he highlighted the importance of PTCC in protection to human lives and stressed the safety aspect to persons and protection of Telecom assets while constructing Power lines. He stated the importance of coexistence of power and Telecom, Metro Network where both are laid underground and in-close proximity. There are also other agencies in the underground network like, water, gas etc which are also contributing the disruption in service hence the importance of Co-ordination with all agencies specially with Power is required and carried forward with regular meetings.
 - Shri S.K.Bhandari, CGM Inspection Circle – the Chairman for the 96th Central PTCC meeting – in his inaugural address inform the participants long and lasting Co-ordination between Telecom and Power and along-with Railways and Defence authorities. He stated that Telecom circuits are with low power but use high frequency where as power lines carry high power with low frequency. Any fault current in Power lines induced very high voltage in paralleling Telecom lines, Railway circuits and Defence circuits. Due to lack of co-ordination the circuits get affected damaging telecom equipments. He also highlighted the need for co-ordination at State Level and Divisional Level to avoid such occurrence. There is urgent need for the private players to take clearance of Power lines constructed by them from PTCC before charging. During interaction with PTCC field units the pending cases from various circles are prepared and displayed during his address. CGM wanted speedy clearance of long pending cases and need to focus only on lines having induction more than 430 volts. He desired that no case should be kept pending for more than six months. Those cases where induction is high should be adequately protected so that no damage to the equipment from the induction or EPR happens. He thanked all the participants for attending the meeting and thanks CGM, Gujarat Circle for the arrangements and wished fruitful deliberation.
1. The Minutes of the 95th Central PTCC meeting held at Jabalpur on 06.07.2012 was taken up for confirmation. CEA,ND has given his views on agenda item 2.9.2. The Chairman issued direction in the meeting to discuss the item in the ensuing para which is already listed for discussion in 96th CLPTCC meeting. With this 95th CLPTCC minutes confirmed by the participants.

2.0 Follow-up of decisions taken in the last (95th) Central PTCC meeting.

2.1 Ensuring 'Zero Level' on unguarded power crossings

DECISION

DET PTCC ND informed the little progress on the zero level unguarded power crossings.

The chairman directed early clearance for all pending Un-guarded power crossing no new crossing to be created so as to ensure zero level Unguarded power crossing.

(Action by BSNL & Power Authority)

Karnataka Case

Letter has been addressed to Secretary SLPTCC Bangalore to convene long pending SLPTCC meeting at Bangalore to sort out pending issues and discrepancies about the EPR details. But it is learnt that Member Power (KPTCL) has not signed last PTCC 289th meeting dated 15/9/11 and hence convention of subsequent SLPTCC meeting was getting delayed. It has now been released (copy enclosed) and hence it is being pursued with Secretary SLPTCC, Karnataka to convene the due meeting as per the directions of the CLPTCC, as soon as possible.

DECISION

The Karnataka pending cases sorted out in the meeting held on 17.7.2012 as per the direction in the last meeting. As such no case pending in Karnataka. The State Level PTCC Meeting will be convene shortly.

(Action by KPTCL/Karnataka Circle/All DET PTCC)

Raichur Case

Para 4 & 5: Arbitrary meeting with CEE, KPTCL by DGM, A/T, Chennai has been conducted along with DE, PTCC, Chennai on 17.7.12. The report is enclosed. Regarding UGPC recorded in Karnataka Raichur, a clarification letter from SDE, PTCC Inspection Circle Bangalore and Co-ordinating Secretary, SLPTCC, Karnataka is enclosed and as such it is treated as “NIL” report since June 2012 received on 9.7.12.

(Case Closed as per decision given above)

2.2 Formation of a Committee for Revision of PTCC Manual, 1995 edition

Purchase of revised PTCC Manual (2010) is pending and to be purchased.

DECISION

DE PTCC ND has been directed by Chairman to procure as many number of manuals as required after taking approval from Inspection Circle. Case Closed.

2.3 Computerization of PTCC Route Approval Process

DECISION

Computerization of PTCC Process

Updating status of the Project, Sh. Naresh Bhandari, Director (PTCC-Comp.), CEA informed that the Consultant – M/s Capgemini India Pvt. Ltd. has already been appointed for the scheme of computerization of PTCC process. The process of selection of L1 bidder for System Integrator has been completed, but since the cost has now become more than the sanctioned cost, so, the matter has been referred to Ministry of Power for sanction of cost overrun.

He informed that for smooth operation of the project, the ‘Orientation’ & ‘User’ training programme have been envisaged and these will be imparted CEA / Consultant / System Integrator (SI) jointly after award of work to SI. Sh. Bhandari gave detailing of proposed training programme as under:

Orientation Training:

The orientation training will be given for two days to working level officers from BSNL (62 nos.), Railways (34 nos.) and Power utilities (80 nos.). It will be held in New Delhi and participants are to make their own travel & stay arrangements. In this, the participants would be briefed about new system. For senior level officers, separate one day orientation training may be arranged at New Delhi.

User Training:

This will be conducted separately for BSNL, Power and Railways in batches. The participants are to make their own travel & stay arrangements. The duration will be 2-3 days and batch size would be around 20 participants. The Central PTCC members will be nodal officers for sending nominations from their organizations. This training will be arranged at regional level locations (Jabalpur, Trivandrum, Bangalore, Kolkatta, Mumbai and Hyderabad) in RTCs (Regional Training Centers) for BSNL, in RPCs (Regional Power Committees) for Power Utilities and in IRISSET for Railways.

It was also informed that it is expected that the officers who attend working level orientation training, also participate in user training. So, nominations may be sent accordingly by March, 2013.

Progress in collection of Legacy Data

Sh. N Bhandari, Director, CEA informed that availability of legacy data is important for smooth take off of the project and this is one of responsibilities entrusted to the Consultant. CEA has been requesting to BSNL, It was stated by Shri DK Jain, that the circuits covered in the legacy data furnished by BSNL would be given the PTCC clearance prospectively. BSNL can furnish legacy data in any form and any available mode of transmiaaion. (Manual, Online or cable layout Photo sketch).

Railways and power utilities to furnish their legacy data, so far the progress has been slow. In Railways, out of 16 zones, the data from 4 zones (ER, SWR, WCR and SECR) has been received. Sh. Rakesh Ranjan, Director (Tele), Railway Board ensured that the remaining data would be furnished soon. CGM, BSNL agreed to furnish addresses of over 38000 exchanges immediately. He also agreed that in due course, scanned copy or picture of cable diagram would be sent in line with the presentation made by M/s Capgimini India & discussions held with CGM in 10th September 2012 in the office of D K Jain at Delhi.

Regarding power utilities, details of data so far furnished is as under. It was requested that pending details may be furnished quickly and those power utilities who have not furnished the details so far may send the information urgently

Sr. No.	Name of Power Utility	Whether Data is Complete / Partial	If partial, pending details	Action to be taken by
1	Andhra Pradesh TRANSCO	Complete	-	-
2	West Bengal SETCL	Complete	-	-
3	NER of PGCIL	Complete	-	-
4	Punjab STCL	Complete	-	-
5	Kerala SEB	Partial	LATLONG details of Angle towers	KSEB
6	Karnataka PTCL	Partial	--do--	KPTCL
7	Gujarat ETCO	Partial	Type of towers, line length, Gen. etc.	GETCO

DET PTCC ND has requested for providing training to the staff towards

(Action by BSNL/Power/Railways)

**2.4 Supply of software for calculation of Induced Voltage and related technical guidance to SEBs/Power utilities-
DET PTCC NEW DELHI**

DECISION

It is observed that most CLPTCC cases are lying pending for Induced Voltage (I.V.) calculation. In these pending cases, such as 33kv lines cases, whose I.V. Calculation is within limit as calculated by PTCC staff, PTCC clearance can be issued. Above 33kv lines I.V. calculation will be done by CEA authority. If CEA, ND provides IV calculation process to DET PTCC then in most cases, I.V. will be calculated by PTCC staff. I.V. thus calculated, will be submitted to CEA by PTCC staff for sample verification and if satisfied, for signature to all calculations sheets. CEA PTCC expressed that they calculate I.V. for above 33kv lines by computer programme & not easy to understand. However, Chairman decided that the manual process of I.V. calculation for above 33kv lines shall be given to DET, PTCC, New Delhi (who is Coordinating officer of Inspection Circle, PTCC cases). Accordingly the software programme would get developed for BSNL units with ITPC Pune.

This system will enable the Telecom authorities to know whether the electric lines (above 33kv) have induced voltage higher than safe unit. If it is less than the safe limit, the cases can be pursued for quick approval of CEA. The cases in which I.V. is above safe limit, such cases can be also pursued for I.V. calculation by CEA as double check and the field units may be cautioned in advance for remedial action.

Over all the system of approval will be faster & beneficial for all the applicants because of faster clearance.

(Action by CEA ND/Inspection Circle)

2.5 Arranging State Level PTCC meeting at regular intervals

DECISION

DET PTCC ND has conducted 9 no. of SLPTCC meeting in his area except Haryana, UP(E) (From BSNL), J&K & Delhi from power side.

Chairman assured to take up the matter with BSNL authority and requested CEA,ND to write to Power authorities.

In West Zone 9 SLPTCC meetings conducted.

In South Zone DE PTCC and KPTCL will hold the meeting in Karnataka shortly.

In East Zone DE PTCC Kolkata assured to conduct the SLPTCC meeting shortly in Orissa.

(Action by BSNL/KPTCL/CEA,ND)

2.7 Nomination of member from DISCOMs (Distribution Companies) for State Level PTCC.

DET (PTCC) New Delhi-

DECISION

The list of nominated member from DISCOM Rajasthan, Punjab, Uttaranchal, Haryana, UP(W) and Karnataka have been received. For rest of the Power DISCOM should submit the list immediately.

(Action by DISCOM)

2.9 AGENDA FROM INSPECTION CIRCLES, BSNL

2.9.1 DET PTCC, New Delhi

1. As per the decision taken at 94th CLPTCC meeting CEA, ND to write to PTCUL for getting route approval for 14 power lines charged during 2005 to 2007 which were laid without PTCC approval at the category of 132 KV and 220/400 KV.

CEA, ND via letter dated 3rd April' 2012 directed GM PTCUL to apply PTCC route approval for all the above lines.

2.Training for IV Calculation is pending.

DICISION

PTCUL agreed to submit proposals for 14 power lines charged during 2005 to 2007 and they are already processing by required documents for immediate submission.

(Action by PTCUL)

2.9.2 AP Telecom Circle, BSNL, Hyderabad

Due to falling of 11kV power line on Telecom line(s), some equipment at Dubacherla Telephone Exchange and Pothavaram Telephone Exchange gotdamaged. A.P. Telecom Circle has asked the power authorities (APPEDCL) to pay the compensation of ` 2,77,356/- and ` 89,400/- respectively for the damage caused. After discussing the issue, the Central PTCC established that the accident had occurred since inadequate guarding had been provided at the crossing of power and telecom line. As per the PTCC code of practice it is the responsibility of the later entrant to provide the guarding. The later entrant could not been fixed so far because the dates of PTCC approval of the 11 kV line and the telecom lines are not traceable. In the 91st Central PTCC Meeting, a sub-committee was formed by inducting one member each from CEA, BSNL (Inspection Circle), APEPDCL and A.P. Telecom Circle to look into this incident. The committee could not make much progress in the absence of terms of reference (TOR) from Central PTCC. While discussing this agenda item during the 93rd Central PTCC meeting following terms of reference (TOR) of the sub-committee were formulated:

1. To check the PTCC route approval of the 11kV power line involved in the accident.
2. To check the PTCC Route Approval of the telecom lines emanating from Dubacherla & Pothavaram telephone exchange that got involved in the accident.
3. In case, no PTCC Route Approval is available then the sub-committee can verify the old records of APSEB/AP Transco to establish the date of existence of the 11kV power line.
4. Similarly by verifying the old records of BSNL, the date of existence of the telecom line involved in the accident can be established.
5. The committee shall verify the authenticity & credibility of the records produced by the power and Telecom authorities. Records should be certified by the senior level officer of concerned utilities.
6. Submit a report before the Chairman, Central PTCC clearly indicating the agency which is the later entrant by 30.7.2011.
7. A.P. Telecom Circle shall be convener for the sub-committee.

A meeting of the sub-committee was held on 20.03.2012 in the office of CGM, AP Telecom Circle, Hyderabad and the minutes of the meeting is as follows:

1. *PTCC approval from power authorities could not be submitted in both Dubacherla & Pothavaram cases.*
2. *PTCC approval from the BSNL authorities could not be taken for both the exchanges as it was a overhead line at both the exchange areas.*
3. *There are no records brought by power authorities (APEPDCL) for verification and identification of commissioning of the power line.*
4. On verification of the previous correspondence made by BSNL with the APEPDCL authorities for payment of compensation, it was contented by APEPDCL that the incidence occurred due to the natural calamity like wind and gale supporting document given by MRO-Nellajeela Lt. No. Nil, dated12.09.1997. But the verification of the certificate issued by the Indian Metrological Department , Visakhapattam vide letter no. 5509/WX(SMD) dated 26.06.2004 , it was made clear that there was no cyclone storm effecting

the coastal Andhara Pradesh in Bay of Bengal on the date of accidents. The MRO-Nallajeela was verified by the telecom authorities where in it was certified by the MRO-Nallajeela vide letter no. Dis402/2004(B) dated 29.12.2004 that the above mentioned letter has not been traced out in their office. BSNL Authority confirmed that as per their records, this telecom overhead line was existing before 17.04.1992 and 08.06.1992.

5. Telecom/BSNL has submitted all the required documents and arguments duly certified by the competent authority. The certified copies of the documents were given to the representative of the power authority who requested one month time to authenticate the document of BSNL and to trace their records. Accordingly it was decided that power authority will submit their certified copies on or before 30.11.2011. After receiving the same, meeting of sub-committee will be conducted in the month of December, 2011. A letter was written by CEA to APEPDCL on 8.12.2011 reminding to submit the details. The power authorities, even during the second meeting of sub-committee on 02.05.2012 after availing sufficient time could not submit any document to support their case. They are given a chance to submit documents, if any, to the CLPTCC within two months.

6. As per the joint inspection report in both the cases i.e. Dubacherla and Pothavaram case, guardings were provided. The guardings along with 11 kV line fell on the Dubacherla Telecom trunk line. By that it is inferred that it is the failure of guarding in both cases.

The above report submitted by the sub-committee was discussed by the committee and during the discussions Director (PTCC) CEA drew the attention of the committee towards the joint minutes prepared by CEA, BSNL and APEPDCL. He requested the Central PTCC to consider the fact that in *both the cases i.e. Dubacherla and Pothavaram case, guardings were provided but still the accident occurred and the cause of the accident has to be ascertained.*

The representative from AP Transco requested the Central PTCC to give some time to gather more details on the issue. It was also decided that a meeting be called where representatives from APEPDCL shall also be present

EARLIER DECISION

In this case, the loss of equipments of BSNL has happened clearly due to negligence on the part of APEPDCL, and compensation must be paid without further delay. The APEB authority requested to give some more time to settle claim. It was also decided that a meeting be called where representatives from APEPDCL also be present. Finally it was disclosed that a two months' notice be served on the company (EB) to provide the details and the final decision will be taken by CEA.

Action Taken report from DET PTCC CHENNAI

The letter has been sent to APEPDCL by AP Circle on 19.11.2012 "As per the Decision taken in the 95th CLPTCC meeting two month's notice is served on power authorities.

During the discussions CEA pointed that as per the PTCC code of practice PCP should have been provided on the O/H telecom wires wherever these are crossing the EHT power lines. The installation of PCP would have protected the telephone exchange from any possible damage due to physical contact between the power line and telecom wire.

The responsibility of providing PCP is of the later entrant and the sub-committee constituted by the Central PTCC is still to establish the later entrant.

DECISION

Chairman after listening to point raised by CEA,ND and also perusing all the documents, directed issue of a final notice by CEA,ND to the APEPDCL and AP Circle to produce the PTCC route approval Certificate/ authentic date of existence. If no response is received in 30 days, the Chairman and Co-chairman will jointly decide the issue.

(Action CEA,ND/AP Circle/Inspection Circle)

2.16 Agenda from Power Transmission Corporation of Uttarakhand Ltd.

(PTCUL)

DECISION

It is already discussed in 2.9.1. Hence dropped here.

2.19 Agenda from DET(PTCC) Western Region Mumbai.

DET MUMBAI

The issue regarding non reference of proposal for 11KV & 33KV power line /cable by power authority in Maharashtra state is being discussed in the State level PTCC of Maharashtra. This may be checked in future for compliance.

Registration of cases of Gujarat state by DET(PTCC),Mumbai. The proposal initiated by GETCO are being registered in DET(PTCC),Mumbai office after receipt of all required details.

CEA has informed that 11kv power cables may not be causing high induction. And hence decision is required as to whether such cable are to referred to PTCC.

DECISION

It was decided to form a sub-committee to study the interference of 11kV and 33kV U/G power cables on the nearby telecom cables before a final decision is taken. It was decided that till then 11kv and 33kv power line /cable should be referred to PTCC for RA before charging.

(Action by CEA/Inspection CircleMH Power Authority)

DET PTCC Mumbai informed that the proposal from GETCO are being registered as per 95th CLPTCC meeting.

The item is closed.

3. New Items

3.1. Army Signal (Defense)

1. Use of electric Poles/Pylons
2. Poor Supply in Arunachal Pradesh and Manipur-

DECISION

As per discussion this case is not under PTCC case criteria, Defense personnel should process this case with local power authorities.

Case closed.

3.2 DET PTCC ND

1. Proposals not submitted of SLPTCC & CLPTCC Case

As per Section 160 of Electricity ACT-2003 and Section "A"(Chapter-III) of PTCC Manual- 2010 the proposals of SLPTCC & CLPTCC cases not submitted by

the

State Power Authorities as under:

- A. **SLPTCC Cases:** Proposals of 11/33 KV S/C of Power lines not submitted by the State Power Authorities in Northern Zone for PTCC Route Approvals.

B.CLPTCC Cases: Proposals of 33 KV D/C and above of Power lines not submitted by the Power Authorities i.e J&K. DTL-ND, UP(East), in Northern Zone for PTCC Route Approvals and Central PTCC Cases charged/ commissioned without PTCC Route Approval , The Electrical Safety Inspector issued Commissioning Certificate without obtaining the PTCC Route Approval. CEA ND is also issued a

letter to all SEBs for taking the PTCC Route Approvals as per Section 160 of Electricity Act-2003. But above Power Authorities are not regularized till date.

DECISION

As per discussion instruction again will be issued by CEA, ND to all Power Utilities referring provision of IE Act-2003.(section 68 and section 160)

(Action taken by CEA ND)

2.Charged CLPTCC Cases without PTCC Route Approval

As per 94th CLPTCC meeting held at Madurai on 20.01.2012 ,it is decided in the meeting that blanket waiver cannot be given for 14 nos of Power lines which are already charged during 2005 to 2007 without taking PTCC Route Approval and PTCUL was asked to forward PTCC Proposals for all such power lines which have been charged unilaterally. But till date, no any proposals of charged power lines have been submitted. CEA ND is also issued a letter vide LD&T/1/2012-PTCC/185 Dated 12.04.2012 in this regards.

DECISION

Already discussed in para 2.9.1 and hence closed this item.

3. Training for IV Computations

CEA shall explore the possibility of Training schedule for IV computations of power lines for staff of SEBs/SDE(PTCC), so the pending issues can be solved immediately.

Already discussed in para 2.4 under supply of software for IV calculation.

Action by the CEA ND

3. CLPTCC CASES WITH CEA ND & SEB'S OF CIRCLE

DE PTCC New Delhi draw attention to pending cases with CEA and SEB's in his zone requested for early IV submission. CGM Inspection Circle already DO letters for immediate clearance of all pending cases.

(Action by CEA, ND./SEB'S)

3.3 DET PTCC KOLKATA

1) Several times DE (PTCC) Kolkata has pursued all concerned Telecom circle officers for SLPTCC meeting, but till yet no action has been taken from any circle to solve the issue.

2) There are 2 CLPTCC & 10 SLPTCC long pending cases in Assam Telecom circle - the telecom details of those proposals are not yet received from Assam circle. Several times undersigned has pursued G.M.(CFA), Assam circle and concerned SDO also. But no action till date taken.

DECISION

1.CGM Inspection Circle will pursue the case with concerned Circles for holding regular SLPTCC meetings.

2. DE PTCC Kolkata will take up the cases urgently by taking assistance from A/T staff posted at Guwahati.

(Action by IC Circle
BSNL)

3.4 DET PTCC MUMBAI

. New Items regarding long pending cases from different authorities specially from Railways and CEA,ND, and Power authorities.

DECISION- CEA, ND assured that IV calculation will be done on priority basis after consultation with power authorities.

Railway authorities in the meeting agreed to dispose of pending cases for submission of Railway & Railway clearance before next meeting. The list of such pending cases made over to Railways in the meeting.

(Action by CEA, ND & Railways authority)

3.5 DET PTCC CHENNAI

1. Regarding allocation of secretary between Power & Telecom for SLPTCC meetings the instructions in PTCC manual to be followed. SDE PTCC will act as the secretary.
2. Representation of PGCIL SLPTCC-Since the PGCIL representatives are not attending the SLPTCC meetings in southern region, it was decided that CEA authorities will address them to attend SLPTCC meetings.

DET PTCC CHENNAI

SDE, PTCC is acting as Co-ordinating secretary, SLPTCC concerned as per the manual. Regarding allocation of duty of second Co-ordinating Secretary SLPTCC concerned at power side is to be clarified by Director, CEA, New Delhi as it is the new ruling stipulated in manual 2010. Duties of Coordinating Secretary, Inspection Circle side is already available in the manual. On creation of 2nd Coordinating Secretary from Power side it is to be bifurcated among two personnel one from Inspection Circle and other from Power side.

DECISION-

CEA clarified that any change in the constitution of State level PTCC has to be done with the consent of Ministry of Power. A proposal be forwarded to CEA with justification & necessity for the change in the present constitution of SLPTCC.

(Action by Power/BSNL utilities/PGCIL)

1. NEW AGENDA ITEMS PERTAINING TO SOUTHERN REGION:

Case has been noticed that Exchanges are falling within EPR zone. Neither the Telecom nor the Power authorities could do any arrangement to protect the telecom assets or to shift the SS. Precautionary measures in such cases may kindly be given in details apart from the points given in manual.

DECISION-

Chairman desired to have fortnight time to assess filed situation and problems if any to arrive at conclusion. DE PTCC Chennai will forward with details of such cases referred above to Inspection Circle and CEA, ND.

(Action by DE PTCC CHI BSNL)

3.6 Inspection Circle-

1. Pendency of cases due to Railway Telecom details/NOC.
Since railway representative were not present at the time of discussion, none of the matters pertaining to Railways could be discussed.
(Action by Railway Board to issue clear instruction to all zonal railways for compliance as per PTCC norms) Action taken NIL.
No. of cases pending for Railway Telecom Details/NOC - North Zone 26 nos., West Zone 118 nos., South Zone-14.
2. Pendency due to Power utilities and IV calculation.

Power authorities agreed to abide by PTCC time limit and also decision taken in item no.2.9.1.

(Action by All DET PTCC & Railways)

3.7 **NORTHERN REGION -I, POWERGRID, New Delhi**

Submitted list of 09 priority I, 06 priority II, and 03 priority III cases for clearance.

CEA intimated that cases have already been taken up and would be cleared within one month.

DECISION-CEA, ND informed that IV calculation will be done on priority basis after consultation with power authorities.

3.8 **Agenda points from PGCIL, WR-II, Vadodara**

1. MUNDRA UMPP :-

(A) 400kV D/C Mundra - Jetpur Tr. Line

PTCC case submitted on 03.07.2009 (Commissioning by December 2012)

(DET PTCC Case File no. GUJ-619, CEA File Case No. GUJ-616 & Western Rly. File Case no. 1079)

POWERGRID is requesting frequently to WR-Ahmedabad and Mumbai offices for completing the re-engineering works, for which they call a meeting preferably at RDSO Lucknow of Indian Railway Design office for technical solution.

DECISION-Railways authorities assure they will sort out the matter shortly.

Action by Railways/PGCIL)

(B) 400kV D/C Navsari - Boisar and interconnection with Vapi SS (as an interim arrangement) Tr. Line :-

PTCC case submitted on 03.05.2012 (Commissioning by Jan-2013)

Induced Voltage calculations already issued from the office of Director-PTCC-CEA-New Delhi in the month of Oct-2012. NOC from Western Railway-Mumbai is awaited. Upon NOC from Western Railway, Route approval shall be made from DET-PTCC-Mumbai.

RAC issued.

DECISION-Railways authorities assure they will issue the Railway comments.

Action by Railways/PGCIL

2. VSTPP STAGE#IV AND RIHAND#III TR. SYSTEM :-

(A) 765kV S/C Satna – Gwalior Ckt#1 Transmission line under VSTPP #4 & Rihand –III

PTCC case submitted on 25.06.2012 (Commissioning by March-2013)

Cases to be expedited for marking of BSNL and Railway Telecom details for IV calculations from CEA-New Delhi and further approval.

DECISION-Railways & BSNL authorities assure they will sort out the matter shortly.

Action by Railways & BSNL.

(B) 765kV S/C Satna – Gwalior Ckt#2 Transmission line under VSTPP #4 & Rihand –III.

PTCC case submitted on 17.08.2012 (Commissioning by March-2013)

Case to be expedited for marking of BSNL and Railway Telecom details for IV calculations from CEA-New Delhi and further approval.

Decision -Marking of BSNL and Railway Telecom details will be completed by February 2013.

(Action by Power Grid Vadodara)

3. MB POWER TR. SYSTEM:-

(A) 400kV D/C (Triple Snowbird) Annuppur (MB Power Generation Projects) – Jabalpur Pooling Substation transmission line associated with M/s MB Power Ltd. Generation project (2*600MW) transmission system.

PTCC case submitted on 01.11.2012 (Commissioning by May-2013)

Case to be expedited for marking of BSNL and railway telecom details for IV calculations from CEA-New Delhi and further approval.

Decision – As and when proposal received, marking of BSNL circuits will be completed.

(Action by Power Grid Vadodara)

4. IPP PROJECTS IN MP AND CHATTISGARH:-

(A) 400kV D/C (Quad) Pirana- Vadodara transmission line under IPP Generation Projects in Madhya Pradesh & Chhattisgarh.

PTCC case submitted on 20.07.2012 (Commissioning by MARCH-2013)

Case to be expedited for submission for IV calculations.

DECISION-Railways authorities informed they have already submitted details.

(Action by CEA ND)

5. IPP PROJECTS IN ORISSA, PART-B:-

(A) 400Kv D/C Jabalpur pooling Station –Jabalpur Substation Transmission line associated with Phase –I Generation Projects in Orissa Part-B transmission system.

PTCC case submitted on 01.11.2012 (Commissioning by June-2013)

Case to be expedited for marking of BSNL and Railway Telecom details for IV calculations from CEA-New Delhi and further approval.

Decision -Marking of BSNL and Railway Telecom details will be completed by February 2013.

(Action by WR/BSNL/CEA ND)

(C) 765Kv D/C Dharamjaigarh (Near Korba) (WR#2 Portion, MP & Chhattisgarh Border) – Jabalpur pooling Station transmission line associated with Phase –I Generation Projects in Orissa Part-B transmission system.

PTCC case submitted on 06.11.2012 (Commissioning by June-2013)

Case to be expedited for marking of BSNL and Railway Telecom details for IV calculations from CEA-New Delhi and further approval.

Decision – As and when proposal received, marking of BSNL circuits will be completed.

(Action by Power Grid Vadodara)

6. IPP PROJECTS IN ORISSA, PART-C:-

(A) 765kV S/C Bina – Gwalior Ckt#3 Transmission line associated with Phase- I Generation Projects in Orissa (Part-C) transmission system

PTCC case submitted on 04.09.2012 (Commissioning by March-2013)

Case to be expedited for marking of BSNL and Railway Telecom details for IV calculations from CEA-New Delhi and further approval.

Decision – Case is under processed, will be completed within one month.

(Action by Railway/BSNL/CEA,ND)

(B) **765kV S/C Jabalpur- Bina substation transmission line under Phase- I Generation Projects in Orissa part-C transmission system.**

PTCC case submitted on 06.11.2012 (Commissioning by May-2012)
Case to be expedited for marking of BSNL and Railway Telecom details for IV calculations from CEA-New Delhi and further approval.

Decision – As & when proposal received, marking of BSNL & Railway Telecom Circuit will be completed.

(Action by Power Grid Vadodara)

**7. ESTABLISHMENT OF 400/220KV GIS SS AT KALA (UT OF DNH)
(C) 400kV M/C LILO of both circuits of 400kV D/C Vapi- Navi Mumbai transmission line at Kala (New – 400/220kV New GIS SS) towards establishment of New- 400/220kV GIS Kala SS for feeding power in UT of Dadra & Nagar Haveli.**

PTCC case submitted on 21.11.2012 (Commissioning by March-2013)
Case to be expedited for marking of BSNL and railway telecom details for IV calculations from CEA-New Delhi and further approval.

Decision – Case is under processed, will be completed within one month.

3.10 MP PTCL JABALPUR

1) **Supply of software for calculation of fault current, induced voltages and related technical guidelines:**

Already discussed in 2.4. hence case dropped.

2) **Computerization / digitalization of transmission lines, marking of Telecom details by BSNL / Railways on the digital map of Survey of India:**

Already discussed in 2.3.

3) **Representation of Railways in State Level PTCC meetings :**

Therefore Central PTCC is requested to intervene in the matter and to issue appropriate instructions to all concerns to take part in every SLPTCC meetings in future.

DECISION-During discussion Railway authorities assured that the all cases will be sort out shortly. They will depute Railways representatives for the meetings regularly. Railway board assured to issue suitable instruction to all Railways.

4) **PTCC ROUTE APPROVAL FOR 400KV & 220 KV LINES:**

A) PTCC ROUTE APPROVAL FOR 400 KV LINES:

a. 400kV DCDS line from Malwa TPH(Sanghaji) to Chhegaon 400kV S/s (Case Mark No. MP-331):-

DECISION-Director PTCC, ND requested MPPTCL representative to intimate date of charging of Power line at-least 04 months before, so that RAC/IV issued timely before charging of the line.

However our Chairman requested to all Power Utilities and CEA to expedite IV values on urgent basis.

(Action by CEA ND.)

- b. PTCC Route approval for construction of 400 line from 400kVS/s Chhegon to 400kV S/s Julwania (Case Mark No. MP-342):-

DECISION- Telecom details sent to DE PTCC Mumbai on 8.1.13. DE PTCC Mumbai to forward the to CEA ND immediately.

(Action by CEA,ND/DE, PTCC MBI)

- c. PTCC Route approval for construction of 400 DCDS line from Malwa (Singhaji) TPH to 400kVS/s Pithampur (Case Mark No. MP-343):-

DECISION-Railway authorities assured the details will sent to CEA shortly.

(Action by Railways)

B) PTCC ROUTE APPROVAL FOR 220 KV LINES:

- a. 220 KV DCDS Bina-Shivpuri line (Case Mark no. MP-141):

DECISION-Director PTCC ND requested to Railway representative(WCR) to submit the revised Railway details along with technical details of cable. After received of revised Railway Telecom details IV will again calculated.

(Action by WCR/CEA ND)

- b. 220 KV Chhindwara Betul DCDS line (Case Mark no. MP-258):**

DECISION

DE PTCC Mumbai to take up the issue of pendency(long pendency) with all concerned and present the details CEA ND and CGM Inspection Circle for further decision if required. Railways to offer comments immediately.

(Action by SCCR Railways/CEA,ND/DET MBI)

- c. 220 kV DCDS Line for LILO of one circuit of 220kV DCDS Satna-Bansagar (Tons) for proposed 220kV S/s Kotar (Case Mark No. MP-305):**

DECISION-Director PTCC, ND is requested to submit IV values as early as possible.

(Action by CEA,ND)

- d. LILO of one circuit of 220kV Bina (400kV S/s MPPTCL)- Shivpuri (220kV S/s MPPTCL) line for 765/400kV S/s Bina (Case Mark No. MP-322):-**

DECISION-Director PTCC, ND is requested to submit IV values..

(Action by CEA,ND)

- e. 220kV DCSS line from 220kV S/s Rewa (Silpra) of MPPTCL to 220kV proposed S/s of J.P.Associates, Rewa (Case Mark No. MP-324):-**

Proposal dropped by MPPTCL, hence no action is required. Item closed.

- f. 220kV DCDS line from Malwa TPH(Sanghaji) to Chhegaon 400kV S/s (Case Mark No. MP-328):-**

DECISION-Director PTCC, ND is requested to submit IV values.

(Action by CEA,ND)

- g. LILO of 220kV DCDS Nagda-Neemuch line for 220kV S/s Daloda (Case Mark No. MP-330):-**

DET PTCC, MBI has already submitted BSNL telecom details to Director PTCC, ND. Now case is pending with CEA ND for IV calculation.

DECISION-Director PTCC, ND is requested to submit IV values.

(Action by CEA,ND)

- h. 220kV DCDS line between 400kV PGCIL satna to 220kV S/s MPPTCL, Satna by M/s Jaiprakash Associates Ltd. Sidhi (Case Mark No. MP-332):- Proposal dropped by MPPTCL, hence no action is required. Item closed.**
- i. PTCC Route approval for construction of 220KV Gwalior (765kV S/s PGCIL)- Gwalior-II 220kV S/s line (Case Mark No. MP-335):-**
DET PTCC, MBI has already submitted BSNL telecom details to Director PTCC, ND. Now case is pending with CEA ND for IV calculation.

DECISION-CEA is requested to submit the IV values.

Director PTCC, ND requested MPPTCL representative to intimate date of charging of Power line at-least 04 months before, so that RAC/IV issued timely before charging of the line.

(Action by CEA,ND)

- j. PTCC Route approval for construction of 220KV line between Ratlam 220kV S/s -Daloda 220kV S/s (Case Mark No. MP-339):-**
DET PTCC, MBI has already submitted BSNL telecom details to Director PTCC, ND. Now case is with CEA ND for IV calculation.

DECISION- - Director PTCC, ND requested MPPTCL representative to intimate date of charging of Power line at-least 04 months before, so that RAC/IV issued timely before charging of the line.

(Action by CEA,ND)

C) PTCC ROUTE APPROVAL FOR 132 KV LINES (LONG PENDING ONLY):

- a. 132 kV Neapanagar-Badgaon DCDS line (Case Mark No. MP-279):**
DECISION-Central Railway representative informed that IV calculation received today from MPPTCL, comments/NOC will be issued shortly.

(Action by CR/DET PTCC MBI)

4. AGENDA FROM GUJARAT ENERGY TRANSMISSION CO.LTD, VADODARA.

It is to state that nos. of cases of EHV Transmission lines pending for PTCC clearance since long from Director(PTCC)ND . During last Central PTCC meeting & personal co-ordination meeting with Director (PTCC), ND on dated 01.06.12, commitment was given to clear all the pending cases with them. But still appx 30 nos cases listed in Annexure pending unattended since long. GETCO representative was told that many proposals could not be processed as these are incomplete , he was requested to see the website of CEA for further details.

DECISION- Director (PTCC), ND is assure that IV calculation will be done on priority basis after consultation with power authorities.

5. AGENDA FROM KARNATAKA POWER TRANSMISSION CO-OPERATION LTD, BANGALORE.

Amendment of clause 8.0 of PTCC Questionnaire 1 in the PTCC Manual 2010 i.e. Only New Sub station EPR details to be asked:-

In the said section EPR details of the End Substations (ie. Both existing and New) have to be furnished. At present while issuing RAC's the Divisional Engineer Chennai indicates that EPR parameters/Zone details of existing Stations as Not Supplied. Thus the CGMT Office while issuing EA's is insisting upon the details of RAC's and EA's of the existing stations as a mandatory (Hard Copy).

DECISION-

After long discussion it is decided that the existing system/Questionnaire is correct and should continue.

(Action by DET PTCC CHI/KPTCL)

6. Delhi Metro Rail Corporation Limited

- 1.Number of cases of DMRC are pending due to non submission of cable details & IV calculations (list enclosed)
- 2.Supply of required software & training for induced voltage calculations.

DECISION

DMRC to take up the case with CEA ND for supply of software and training. CEA agreed to assist them in clearance of pending cases.

(Action by CEA,ND/DMRC/DE PTCC ND)

7. POWER GRID CORPORATION OF INDIA LIMITED, KOLKATA.

PTCC proposal of following lines which are expected to be charged shortly are long pending-

1. LILO of 400 kv S/C Rengali Baripada at Keonjhar : IV calculation pending since Aug'12.
2. LILO of one circuit of 400 kv S/C Rengali Baripada at Keonjhar: Mendhasal at Dubri: IV calculation pending since Aug'12.
3. LILO of 400 kv S/C Merramundali- Jeypore at Angul.
4. LILO of one ckt of 400 kv Rourkela Raigarh D/C T/L-1 & 2 at Jharsuguda.
5. PTCC clearance pending cases as per list.

DECISION

Director PTCC ND assured the IV calculation will be done on priority basis after consultation with power authorities.

8. RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED, JAIPUR.

1. Telecom details of the 5 EHV power lines are awaited from BSNL authorities.

Decision – As and when proposal received, marking of BSNL circuits will be completed.

- 2.Railway Telecom/Block circuit details of the 7 EHV power lines awaited from NCR,Allahabad/WR Mumbai.

DECISION-Railway authorities assure to settle the cases shortly.

3. PTCC cases of 39 EHV power line of RVPN are with the CEA, New Delhi of IV Computation.

DECISION-Director PTCC, ND assured that IV calculation will be done on priority basis after consultation with power authorities.

9. Charging of lump-sum charges taken by RRVPNL, Rajasthan from private parties for PTCC clearance.

The RRVPNL, Rajasthan is charging Rs.10,000/- per PTCC case from private parties on account of PTCC clearance. It is proposed that Inspection Circle BSNL

may charge Rs. 10.000/-up to 132kv per case and Rs.20,000/- more than 132kv per case.

At present, CPTCC & SLPTCC are not having nay mandate for charging any money for the PTCC works.

DECISION-Director PTCC ND assured that mater will be taken with RRVPNL, Rajasthan for further details.

(Action by CEA, ND)