

टेलीफैक्स सं.011: 26565183

भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority



[ISO: 9001: 2008]



भार प्रेषण एवं दूर संचार प्रभाग

Load Despatch & Telecommunication Division

एन.आर.ई.बी. परिसर, 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NREB Complex, 18-A, Shaheed Jeet Singh S. Marg, Katwaria Sarai,

No.LD&T/1/2012PTCC/

Dated: 14.01.2013

To,
All Constituents of Central PTCC.

Subject: 96th Central PTCC meeting - reg:.

Sir,

The 96th Central PTCC meeting will be organized by Inspection Circle, BSNL as per the programme given below:

DATE : 24, January 2013 (Thursday).

**VENUE : VENUE-CONFERENCE HALL
11TH FLOOR, TELECOM BHAWAN,
O/O, CGM GUJARAT CIRCLE,
CG ROAD, NAVRANGPURA,
AHMEDABAD.**

TIME : 1030 hrs.

The agenda for the meeting is attached.

You are requested to kindly make it convenient to attend the meeting.

Yours faithfully,

(D.K. Malik)
Director (PTCC)
& Secretary Power
of Central PTCC.

**AGENDA of 96th Central PTCC meeting
To be held on 24th January, 2013
at AHMEDABAD**

1. **The Minutes of the 95th Central PTCC meeting held at Jabalpur on 06.07.2012 was circulated vide No. TD/LP-2015/96th CLPTCC Jabalpur, Dated: 26-9-2012. Director PTCC vide his letter dated 12.10.2012 had given his views on the minutes of agenda item no. 2.9.2. The minutes may be confirmed by the participants.**

Comment [VC1]:

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

2.1 Ensuring 'Zero Level' on unguarded power crossings

DET PTCC ND-

1. There is little progress on the zero level unguarded power crossings. The Circle wise list of unguarded power crossings was submitted to all SSA Head of BSNL/ and XENs(Power Authority) at District level vide (T)/DV-2501/2012-13 dated 03.10.2012 for ensuring Zero Level unguarded power crossing at the earliest and no new crossings are to be created in future and Zero Level to be ensured. Circle wise list of unguarded power crossings is attached as ANNEXURE-I

DET PTCC CHENNAI-

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 the delay in convening subsequent SLPTCC meeting after last PTCC 289th meeting date 15/9/11 is due to not signing of minutes of that meeting by Member Power, KPTCL. 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.

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.

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

DET PTCC NEW DELHI

A letter was issued to all BSNL/Power Authorities in Northern Zone vide PTCC(T)/DV-2501/2012-13 Dated 02.04.2012 for sending the requisition of Revised PTCC Manual-2010 and also requested to Circle office Jabalpur to issue a letter to all CGM's and put on the T&D Portal for necessary action.

DET PTCC CHENNAI-

The requirement of new manual copies has been informed to Inspection Circle office vide letter no. SR-PTCC/CM/11-12/3 dated 16/5/11

2.3 Computerization of PTCC Route Approval Process

DET PTCC NEW DELHI-

A letter was issued to all Power /BSNL Authority in Northern Zone vide (T)/DV-2501/2012-13 dated 02.04.2012(attached as Annexure-III) to prepare the staff for taking the oriental and user training, going to be scheduled by the CEA ND for marking the legacy data of BSNL, Railway telecom Ckts and different capacity of HT & EHT Power lines on the map of Survey of India to overcome the delay in manual processing of PTCC Cases involving human losses due to electrocution & electrical hazards as well as save the Telecom equipments from induced voltages.

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

A letter was issued to all Power Authority in Northern Zone vide PTCC (T)/DV-2501 /2012-13 dated 03.04.2012(attached as Annexure-IV) to give requisition to Director(PTCC) ,O/o CEA, New Delhi for obtaining the software.

2.5 Arranging State Level PTCC meeting at regular intervals

DET(PTCC) New Delhi –

- At present, all Circles in Northern Zone are regularized except Haryana(BSNL),UP(E)-BSNL, , J&k-PDD, Delhi(MTNL/DTL) to conduct the SLPTCC meeting.
- Several, letters/reminders issued to the GM(CFA) BSNL, Ambala,/ DGM(NC), BSNL,Lucknow./ /SE,S&O),PDD-Jammu/ GM(PLG),DTL-ND for conducting the SLPTCC meeting,but till date no action have been taken by the BSNL/Power Authorities in this regards and only assurances are given every times that the said meeting will be conducted in the next months . Necessary action must be taken from concerned Authority for conducting the SLPTCC meetings at regular intervals. His name/Design and contact No is as under;
 - Sh.G.K.Upadhyay CGMT(HR) Email-cgm_har@bsnl.co.in
 - Sh. A.K.Purwar, CGMT, UP(East) Lucknow = e-mail dgmlkw@gmail.com
 - Sh.J.K.Sharma,SE(S&O)Circle-II,PDD,Jammu=M-09419189640,
e-mail= jatinderksharma@rediffmail.com
 - Sh.K.S.Sethi, GM(Project),DTL ND M=9540040618

DET PTCC MUMBAI-

The state Level PTCC meeting in western region are being held regularly in the Maharashtra, Madhya Pradesh & Chhatisgarh & Gujrat state. The detail of SLPTCC meeting held in western region during year April 2012 to December 2012 are as follows.

Sr. No	Name of the State	Meeting held on	Place of meeting	Meeting organized by
1	Maharashtra	25.05.2012	Satara	MSEDCL,Satara
2	Maharashtra	24.08.2012	Chandrapur	MSEDCL, Chandrapur
3	Maharashtra	23.11.2012	Tuljapur	MSEDCL, Osmanabad
4	Chhatisgarh	13.04.2012	Raipur	BSNL
5	Chhatisgarh	22.08.2012	Durg	CSEB
6	Madhya Pradesh	27.06.2012	Bhopal	BSNL, Bhopal
7	Madhya Pradesh	14.12.2012	Bhopal	BSNL, Bhopal
8	Gujrat	29.06.2012	Vadodara	GETCO
9	Gujrat	27.12.2012	Vadodara	GETCO

DET PTCC CHENNAI-

A correction of minutes is to be done as below in the place of “ DET (PTCC), Chennai and DET(PTCC), Mumbai informed that in their region SLPTCC meetings are held regularly”.

“DET (PTCC), Chennai informed that SLPTCC meetings are held regularly at Tamil Nadu and Kerala Circle. But in Karnataka no meetings were conducted for the past one year and at Andhra Pradesh after a prolonged time last meeting was conducted on 13.4.12. at Hyderabad and further it is due July 2012and DET (PTCC), Mumbai informed that SLPTCC meetings are held regularly in his region.

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

DET (PTCC) New Delhi-

Action is being taken by this unit for nomination of member from Discom /Distribution companies for SLPTCC meetings.. Only nominated member from Discom /Distribution

companies in Rajasthan, Punjab, Uttaranchal, Haryana, and UP(West) Circle. The list of nominated member as Nodal officer have already been sent to Direct(P.T.C.C.),O/o CEA New Delhi. Follow-up action is taken with rest power Authorities vide letter No PTCC(T)/DV-2501/2012-13 Dated 03.04.2012 to submit the nomination of member from Discom /Distribution companies for SLPTCC meetings at the earliest.

2.9 AGENDA FROM INSPECTION CIRCLES, BSNL

2.9.1 DET PTCC, New Delhi

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 without PTCC approval the category of 132 KV and 220/400 KV.

CEA, ND letter no.3rd April' 2012 directed GM PTCUL to apply PTCC route approval for all the above lines.

(Action by GM, PTCUL)

While discussing the above issue DET PTCC, ND submitted that the training program for IV computation are required for SEB/SDE PTCC, so that pending issues can be solved immediately.

Shri D.K. Malik, intimated that the oriental training will be held at CEA New Delhi and the user training would be in selected training centers of BSNL and Railways for the respective participants including for the participants of power utilities.

CGM BRBRAITT agreed to conduct the training in any of the RTTCs, which are well equipped.

(Action by POWER, CEA &

BSNL)

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 got damaged. 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, dated 12.09.1997. 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 requited 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 APTransco 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

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 by CEA ND & AP Telecom Circle, BSNL)

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.

**2.15 Agenda from CEA on 'Cyber Security'
(Item Closed)**

**2.16 Agenda from Power Transmission Corporation of Uttarakhand Ltd.
(PTCUL)**

DET PTCC, NEW DELHI-

A letter was issued to GM(O&M), PTCUL, Garhwal Zone, 26-Civil Lines, Roorkee vide PTCC(T)/DV-2501/2012-13 Dated 03.04.2012(Attached as **Annexure-VII**) for submitting the Proposal of charged PTCC Cases to u/signed as well as Director(PTCC) and Railway for seeking PTCC Route Approval at the earliest

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. Hence this item may be deleted from Agenda point.

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

3. New Agenda

3.1. Army Signal (Defense)

1. Use of electric Poles/Pylons – Power transmission agencies to permit use of existing electric poles/pylons to route the Army owned OFC. Fibre presently follows an alignment, which is prone to frequent landslides especially in the Northern and Eastern states. Laying of Army owned OFC on the alignment of the electric poles/pylons would drastically reduce the disruption in communication due to land slides/flash-floods. Specific areas where this arrangement is required are –

- a) Lohit Velly- Lohitpur to Kibibithu
- b) Delai/Dau Velly- Hayuliang to Chaglohagam
- c) Daporigo to Taksing via Limeking
- d) Yinkiong to Tuting via Migging.

2. Poor Supply in Arunachal Pradesh and Manipur-

Frequent Power failure in region of Arunachal Pradesh and Manipur affect the communication to troops deployed in these regions. The power failure in some of the region extent up to 12 hrs. The Power backup system of BSNL are unable to cope up, thereby resulting in break down of communication. Adequate power supply need to be ensured in these areas keeping the sensitivity of these border areas in mind.

No Defence representatives were available and the case could not be discussed. But it was decided to take up the matter with Defence authorities as well as Electricity authorities concerned.

(Action by CEA ND.)

3.2 DET PTCC ND

Agenda for 96th CLPTCC meeting is as under:

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.

Action taken by the CEA ND

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.

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 can not 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.

Necessary action taken by CEA ND

3. Training for IV Computations

Training schedule for IV computations of power lines may be organized by the CEA ND for staff of SEBs/SDE(PTCC), so the pending issues can be solved immediately.

Action taken by the CEA

ND

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

(as per list)

3.3 DET PTCC KOLKATA

1) Several times the undersigned 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 yet taken.

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(Action by CEA, ND)

3.4 DET PTCC MUMBAI

AGENDA : New Items regarding long pending cases from different authorities.

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.

(Action by CEA, ND& PGCIL)

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 personnels one from Inspection Circle and other from Power side.

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/shift the SS. Precautionary measures in such cases may kindly be given in details apart from the points given in manual.

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)

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 defaulting Power Authority.)

3.7 Agenda items from AP CIRCLE

The item "Compensation to be paid by Power authorities in connection with damages caused to Dubeacherla & Pothavaram Exchanges is pending with power authorities. As per the decision taken in the 95th CLPTCC meeting two month's notice is served on power authorities by General Manager Telecom District, West Godavari SSA on 19.11.2012.

3.8 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.

(Action by CEA, ND)

3.9 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

December2012)

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

During the last 95th CLPTCC meeting, it was deliberated towards conducting meeting at Director-PTCC-CEA-New Delhi office to sort out the issues and accordingly, CEA has intervened for technical solutions.

After protracted follow-up, WR-Mumbai has issued NOC for 400kv D/c for the above line and condition PTCC route approval is made available. POWERGRID has commissioned part of Surajbari – Jetpur line in the month of August-2012.

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

(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

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

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

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

The case was submitted on 25th June 2012 to all concerned SDE-PTCC-Bhopal, DET-PTCC-MUMBAI, SDE-PTCC-LUCKNOW, DET-PTCC-NEW DELHI, CSTE – NORTH CENTRAL RAILWAY – ALLAHABAD & Director –PTCC-CEA, New Delhi.

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

(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)**

The case was submitted to all concerned SDE-PTCC-Bhopal, DET-PTCC-MUMBAI, SDE-PTCC-LUCKNOW, DET-PTCC-NEW DELHI, CSTE – NORTH CENTRAL RAILWAY – ALLAHABAD & Director – PTCC-CEA, New Delhi.

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

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)**

The case was submitted to all concerned SDE-PTCC-Bhopal, DET-PTCC-MUMBAI, CSTE-WCR-JABALPUR, CSTE – SECR-BILASPUR & Director –PTCC-CEA, New Delhi.

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

4. IPP PROJECTS IN MP AND CHHATTISGARH:-

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

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

The case was submitted on 20th July 2012. SDE-PTCC-Ahmedabad, CSTE-WR-MUMBAI & Director –PTCC-CEA, New Delhi

SDE-PTCC-A'bad has already forwarded the telecom details to DET-PTCC-Mumbai in the month of November-2012. Railway details are awaited to CEA-New Delhi. Case to be expedited for submission for IV calculations.

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)**

The case was submitted on 1st November 2012 to SDE-PTCC-Bhopal, WCR-Jabalpur, DET-PTCC-Mumbai & Director –PTCC-CEA, New Delhi.

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

(B) 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)**

The case was submitted on 6th November 2012 to SDE-PTCC-Bhopal, -Jabalpur, South East Central Railway – Bilaspur & Director –PTCC-CEA, New Delhi.

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

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)

The case was submitted on 4th September 2012. SDE-PTCC-Bhopal, DET-PTCC-MUMBAI, WCR-JABALPUR, CSTE – NORTH CENTRAL RAILWAY – ALLAHABAD & Director –PTCC-CEA, New Delhi.

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

(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)

The case was submitted on 6th November 2012. SDE-PTCC-Bhopal, West Central Railway –Jabalpur, DET-PTCC-MUMBAI & Director –PTCC-CEA, New Delhi.

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

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)

The case was submitted on 21st November 2012 SDE-PTCC-Ahmedabad, DET-PTCC-Mumbai, CSTE- Western Railway – Mumbai & Director –PTCC-CEA, New Delhi

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

3.10 MP PTCL JABALPUR

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

The Director(PTCC), CEA, New Delhi has been requested to intimate probable dates on which training may be imparted to our two officers at New Delhi. The suitable instructions in the matter are still awaited from the Director (PTCC) New Delhi.

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

As desired by the CEA, information regarding ratings of existing generating plants & substations up to 220kV has already been submitted to the CEA. Regarding coordinates of existing substations and the towers of existing lines, suitable instructions to our units have been issued for collecting the same at the earliest. Considering the huge network of MPPTCL, it is expected that considerable time may required in collecting such data and the same shall be furnished at the earliest as possible.

3) Representation of Railways in State Level PTCC meetings :

The Director (Telecom), Railway Board, New Delhi in 94th Central PTCC held on 20.1.12 at Madurai and 95th Central PTCC held on 06.06.12 at Jabalpur has assured that necessary instructions shall be issued to all the railway zones for attending all the state level PTCC meetings. In spite of the assurance, representatives from **CR, WCR, SECR & NCR** were not present in last SL PTCC meeting held on 14th Dec. 2012 at Bhopal. 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.

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):-

BSNL, WR & WCR telecom details have submitted to Director (PTCC) New Delhi for IV calculation to CEA respectively by concerned offices respectively vide letter dated 27.02.12, 29.05.12 & 19.12.12. Further action in the case is awaited from the Director(PTCC) Delhi.

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

This case submitted vide letter No. 3098 dt. 28.4.12 has been registered by the DET(PTCC) Mumbai on dated 15.05.12. WR have submitted TCD to CEA for IV calculation. Even after the request made by the letter No. 7306 dt. 6.10.12, information regarding submission of the telecom details by BSNL to the Director(PTCC) New Delhi has not provided to MPPTCL. If details have yet not been submitted, the Central PTCC may issue necessary directives to BSNL authorities for an early action in the matter.

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

This case submitted vide letter No. 3120 dt. 30.04.12 has been registered by the DET(PTCC) Mumbai vide letter dated 15.05.12. The Dy. CSTE(WR) vide letter dated 20.06.12 has furnished WR telecom route details to the Director (PTCC) New Delhi. The SDE(PTCC) Bhopal vide letter dated 27.12.12 has forwarded BSNL telecom details to the DET(PTCC) Mumbai for further submission to the Director(PTCC) New Delhi.

Regarding WCR telecom circuit details, as desired vide letter dated 24.09.12, the route maps marked with diverted route of railway have also been provided to the CSTE(WCR) vide this office letter no. 7579 dated 17.10.12. The information regarding further submission of the TCD by WCR to the Director(PTCC) New Delhi is not available with MPPTCL. Information regarding further action taken by the DET(PTCC) Mumbai in the matter is not available with MPPTCL. If details have yet not been submitted by WCR, the Central PTCC may issue necessary directives to WCR authorities for an early action in the matter.

B) PTCC ROUTE APPROVAL FOR 220 KV LINES:

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

The Dy.CSTE/ NCR Allahabad has already furnished NOC vide letter dated 01.01.09. However, regarding case concerned with West Central Railway, the Dy.CSTE, WCR vide his letter dated 6.6.12 has proposed re-engineering of above 220kV line due to Induced Voltage 3170 Volt calculated on Shivpuri-Kolar block circuit of WCR. The comments offered by Dy.CSTE (WCR) are based on the IV Calculation furnished by the Director (PTCC) New Delhi. It has been observed from the IV Calculation that the screening factor of earthwire on power line has not been applied by the Director (PTCC), New Delhi. The screening factor for earthwire is mentioned as 0.625 (average value) in the PTCC manual 2010. Accordingly, on applying the screening factor, the net Induced Voltage on Telecom circuit of WCR works out to be 1982 volt. The Dy.CSTE vide letter No. 8164 dt. 8.11.12 has therefore, been requested to review their comments and to furnish the estimate for providing protection scheme on the telecom circuit as per the guideline of PTCC.

The issue has also been discussed in State Level PTCC meeting held at Bhopal on 14.12.12 on the informations provided by MPPTCL. The SLPTCC is also of opinion that the case is not of Re-engineering of telecom/power line and the case is simply of protection of cables against induced voltage. State level LPTCC have accordingly included the matter in the Minutes of the meeting and issued directives to WCR to take suitable necessary action in the matter for Route Approval of the line. The confirmation from WCR on the decision of SLPTCC is still awaited. As the case is pending since long back therefore the matter has been elaborated in brief only for apprising the present status of the case to CPTCC.

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

SEC Railway telecom circuits and BSNL telecom circuits were forwarded to the Director(PTCC) New Delhi vide letter no. SECR/S&T/PTCC/MP-CG/1689 dated 26.10.06 and letter dated 08.03.07 of DET(PTCC) Mumbai for calculation of induced voltage. CR telecom circuits was also forwarded to the Director (PTCC) New Delhi vide letter no. 153/PTCC/220KV/187 dated 26.10.09 of AESTE(Tele)HQ, CR, Mumbai.

Subsequently, the Director (PTCC) New Delhi vide their letter No. CEA/LD&T/PTCC/2012/MP-316/587 dt. 02.07.12 has forwarded the calculation of IV on both BSNL and Railway Telecom Circuits. The case is pending due to NOC/Comments of BSNL and Railways on IV. In this context informing the present status of the case, the DET(PTCC) Mumbai vide the letter no. 5005 dated 09.07.12 has also been requested to take suitable action for issuing PTCC route approval for this line. The Central PTCC is also requested to interfere in the matter and issue suitable instruction to DET(PTCC) Mumbai.

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):

This case was submitted vide letter no. 6465 dated 27.08.10 for registration. Subsequently, the clarifications & information as desired by the Director (PTCC) New Delhi vide letter dated 16.09.10 has also been submitted vide letter No. 8776 dated 06.12.10. The DET (PTCC) Mumbai vide letter dated 19.12.11 has also furnished the telecom details of BSNL to CEA (PTCC). It is understood from the various correspondence that the Director(PTCC) has not provided IV calculation on the BSNL telecom circuits to the DET(PTCC) Mumbai. As the Dy. CSTE (Tele), WCR, Jabalpur vide letter dated 19.11.10 has already conveyed "No objection" on IV to the DET (PTCC) Mumbai, the Director (PTCC) is requested to issue IV on BSNL telecom circuits so that PTCC route approval could be issued by the DET (PTCC) Mumbai.

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):-

WCR have submitted telecom circuit details to the Director (PTCC), New Delhi on 29.6.12 for IV calculation. The SDE(PTCC) Bhopal has also submitted the BSNL telecom details to the DET(PTCC) Mumbai for further submission to the Director(PTCC) New Delhi. The action taken by the DET(PTCC) Mumbai in the case is not available with MPPTC. An early action in the matter is awaited from the DET(PTCC) Mumbai and the Director (PTCC) New Delhi.

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):-

The construction of above 220kV line was proposed for connectivity of the plant of J.P.Associates. The firm has dropped the construction of the line due to permission of connectivity through other sources. Accordingly, the route approval shall also be not required. The proposals for PTCC route approval submitted vide this office letter No.7946 dt. 31.10.2011 shall therefore be withdrawn after completing certain formalities with the firm which under process.

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

This case vide letter No. 8877 dt. 5.12.2011 has been registered by the DET(PTCC) Mumbai. As desired by CSTE (WCR), the route maps indicating diverted railway track have also been submitted vide this office letter dated 20.4.12 under intimation to all concerned. The DET(PTCC)Mumbai, CSTE(WCR) & CSTE (WR) have submitted telecom details to the Director (PTCC), New Delhi for IV calculation respectively vide their letter dated 07.02.12, 14.05.12 & 18.06.12. An early action in the case is still awaited from the Director (PTCC), New Delhi.

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

This case submitted vide letter No. 9310 dt. 21.12.2011 has been registered by the DET(PTCC) Mumbai. The CSTE (WR) has submitted Railway Block & Telecom circuit details to Director (PTCC), New Delhi vide the letter dated 29.05.12. Information regarding submission of BSNL telecom details to the Director(PTCC) New Delhi for IV is not available with MPPTCL. If not submitted, the DET(PTCC) Mumbai may be directed to take an early action in the matter.

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):-

The construction of above 220kV line was proposed in association with the connectivity of the plant of J.P.Associates. The firm has dropped the construction of the line due to permission of connectivity through other sources. Accordingly, the route approval shall also be not required. The proposals for PTCC route approval submitted vide this office letter No. 257 dt. 10.01.12 shall therefore be withdrawn after completing certain formalities with the firm which under process.

i. PTCC Route approval for construction of 220KV Gwalior (765kV S/s PGCIL)- Gwalior-II 220kV S/s line (Case Mark No. MP-335):-

The DET (PTCC), Mumbai has registered the case vide letter dt. 15.3.2012 and requested SDE (PTCC) Bhopal and CSTE, NCR, Allahabad for forwarding telecom circuit details to the Director (PTCC), New Delhi. NCR has forwarded the case vide their office letter dated 8.6.12 to the Director (PTCC) New Delhi. The information regarding submission of the telecom details by BSNL to the Director(PTCC) New Delhi is not available with MPPTCL. If details have not been submitted, the Central PTCC may issue necessary directives to BSNL authorities for an early action in the matter.

j. PTCC Route approval for construction of 220KV line between Ratlam 220kV S/s -Daloda 220kV S/s (Case Mark No. MP-339):-

The DET (PTCC) vide letter dt. 24.03.2012 has registered the case. CSTE WR Mumbai vide letter date 29.05.12 has also submitted Railway telecom circuit details to the Director(PTCC) New Delhi for IV. The information regarding submission of the telecom details by BSNL to the Director(PTCC) New Delhi is not available with MPPTCL. If details have not been submitted, the Central PTCC may issue necessary directives to BSNL authorities for an early action in the matter.

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

a. 132 kV Neapanagar-Badgaon DCDS line (Case Mark No. MP-279):

This case was submitted vide letter No. 3032 dt. 30.03.2009 for registration. The SDE (PTCC) vide letter dt. 24.7.2009 has furnished BSNL telecom details. In reference to the letter dt. 12.11.2009 of Dy.CSTE (WR), the DET(PTCC) Mumbai vide letter dt. 7.12.2009 forwarded the case to AE, SDE (Tele) WR. In the mean time, the IV calculation for Railway Telecom Circuit based on railway track shown on route map of the power line and BSNL telecom circuits were taken by MPPTCL and submitted vide the letter No. 11028 dated 08.12.09 for comments/NOC. Even after persisting pursuance made vide letters dt. 27.9.2011, 3.2.12 and 23.3.12, the CSTE(Tele), Central Railway have not responded in the matter. But, unexpectedly vide letter dated 14.06.12, the CSTE(Tele) has mentioned that the PTCC proposal is not available with their office and requested to submit above PTCC proposal. Accordingly vide letter No. 5167 dated 13.07.12, a complete set the PTCC proposal has been forwarded to the CSTE(Tele) CR Mumbai.

Instead of issuing NOC, the Dy.CSTE(Tele) Central Railway vide letter dated 03.12.12 has again informed to submit complete proposal along with drawings. In view of the communication problem being faced in between MPPTCL with Central Railway, a set of the proposal for Central Railway has been put up in front of State Level PTCC on 14.12.12 with the request for further submission of the same to the CSTE(Tele) Central Railway Mumbai. The Central PTCC may issue necessary directives to BSNL authorities for an early action in the matter.

5. Apart from above, 31 **various cases of Route Approval of 132kV lines which are in the scope of SL PTCC, are being discussed therein and being solved regularly, hence does not require to be included in the agenda items of Central PTCC.**

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 A pending unattended since long. As discussed with Director (PTCC)ND a detailed month-wise priority list of pending lines which are required to be attended is already been conveyed to Director (PTCC)ND, but till today no progressive result is achieved.

It is therefore requested to include above pendingness as one of the agenda item during 96th CLPTCC meeting as GETCO is suffering problems in availing railway blocks while erection of lines & charging of these lines for the want of PTCC clearance.

Annexure-A

Sr. No.	File No	Name of the Power line
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1	GUJ-640	220kV D/C Morbi-Halwad Line LILO at Bhimasar Line-1
2	GUJ-641	220kV D/C Morbi-Halwad Line LILO at Bhimasar Line-2
3	GUJ-624	400 kV D/C Tower Line with Twin moose conductor from 400 kV Varasana (Tappar) S/S to 400 kV Hadala S/S
4	GUJ-609	220 kV D/C Vav-Ukai line LILO at 220 kV Mota (Bardoli) S/S
5	GUJ-597	220 kV D/C Nanikhakhar - Sindhodi line on AAAC Moose conductor Dist-Kutchchh
6	GUJ-630	220 kV D/C Kheralu-Bhutiya Line
7	GUJ-607	220kV D/C Vapi-Bhilad LILO at 400 kV Ambheti (PGCIL) S/S.
8	GUJ-614	220 kV D/C Varsana - 220 kV Morbi line with ACSR Zebra conductor
9	GUJ-613	400kV D/C Vadinar (Essar) - Hadala (Rajkot) S/S
10	GUJ-588	220 kV D/C Kansari – Thavar S/S
11	GUJ-606	220 kV D/C Tower Line with ACSR 'Zebra' conductor from 220 kV Mangrol S/S to 220 kV Mobha S/S.
12	GUJ-633	220 kV D/C line from Utran gas power plant to 400 kV Kosamba S/S.
13	GUJ-634	220 kV D/C tower line with AL-59 conductor from 400 kV Varsana S/S to 220 kV Tappar S/S
14	GUJ-635	220 kV D/C tower line from 220 kV Nakhatrana S/S to 400 kV Varsana (Tappar) S/S with AL-59 conductor, Taluka-Anjar, Distt. - Kutchchh, Gujarat.
15	GUJ-608	220 kV D/C tower line with Zebra conductor from 220 kV Shivlakhia S/S to Wind Farm S/S of M/s Vestas-RRB India Tech. Pvt. Ltd. At Village-Vandhiya, Tal-Bhachau, Distt-Kutchchh
16	GUJ-615	220kV/S/C Nanikhakher-Coastal Guj Power
17	GUJ-636	220 kV LILO to Bhat S/S from 220 kV D/C Salejada-Viramgam line on Zebra conductor.
18	GUJ-642	220kV D/C Tower Line (LILO) to proposed 220kV Batad S/S from 220kV D/C Kasor-Vartej main line
19	GUJ-643	400kV D/C LILO Line from existing Ukai TPS Asoj Line at 400kV Kosamba S/S
20	GUJ-644	400kV D/C Mundra-Zerda Tx. Line -2
21	1626	220 kV D/C Bhilad PGCIL(Ambheti)
22	1797	220 kV D/C Lilo to Kukma from Anjar- Panandhro ccts no 2
23	1831	220 kV D/C Viramgam- Chharodi (Nano)
24	1852	220 kV D/C Sankhari- Jangral line
25	1860	220 kV D/C Kosamba-Mobha power line
26	1868	220 kV D/C Tharod -Deodar trans line
27	1871	400KV Ukai-Kosamba line

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).

As per the minutes of the 94th CLPTCC meeting item no.3.2 (c) KPTCL is not furnishing the EPR details of the existing stations. Also as per Section 6.16 of Chapter 1 reference of PTCC approval for main line should not be insisted upon when proposals for tap/LILO lines are submitted. However to prove that the assets in EPR Zone are already taken care and on insistence the details of RAC's and EA's of the existing stations are now being submitted to CGMT office, BSNL, Karnataka Circle with great difficulty as some existing stations are very old and tracing this details (ie., hard copy) is not possible.

KPTCL is opined that the Clause 8.0 of PTCC Questionnaire 1 has to be amended that EPR details of only proposed/new stations be furnished while applying for PTCC approval to the

NEW Sub Stations. Also we request that a standard format of Route Approval Certificate and Energisation Certificate may be published in the manual.

6. Any fresh agenda item with the permission of the chair.

