

CENTRAL ELECTRICITY AUTHORITY
Power Communication Development Division

AGENDA FOR THE 101ST CENTRAL PTCC MEETING

Date 09th October, 2015 (Friday)

Venue NRPC Conference Hall (1st Floor)
NRPC Office Complex, Shaheed Jit Singh Marg,
Katwaria Sarai, New Delhi-110016
Ph.: 011-26868681, 26967840, 26967900

Time 11:30 Hrs

A. CONFIRMATION OF MINUTES OF THE LAST MEETING

The Minutes of the 100th Central PTCC meeting held at Chandigarh on 26th May 2015 were circulated by BSNL and uploaded on CEA website <http://www.cea.nic.in>. No comments have been received so far.

Members may like to confirm the minutes.

B. FOLLOW-UP ACTION ON DECISIONS TAKEN IN THE LAST CLPTCC MEETING

B.1 Ensuring 'Zero Level' on unguarded power crossings

- (i) DET (PTCC) BSNL of all zones may intimate the latest status.
- (ii) In the last meeting it was decided that the matter be discussed in the SLPTCC meetings. Since SLPTCC meetings were not at all conducted in Eastern Region, GM (South), Inspection circle was requested to take up the issue and conduct at least one meeting in each of the states in the Eastern Region and discuss this point along with issues related to PTCC cases.

Members may deliberate.

B.2 Computerization of PTCC Route Approval Process

The work of digitization of PTCC route approval process has been assigned by Cabinet Project Monitoring Group of the Cabinet Secretariat, Govt. of India, to BSNL; since BSNL issues final RAC and energization approval.

CGM Inspection Circle in the last meeting had informed that Software for this was being developed by ITPC wing of BSNL. This work would progress after getting clearance from CMD, BSNL on various issues like allotment of funds for the project, levying of fees from the users, etc. In the first phase, CLPTCC cases being monitored by the Cabinet Project Monitoring Group shall be taken up. For this, the work flow which would be a tool for submitting power line proposals of 220KV and above for PTCC clearance and monitoring of these proposals can be developed. The users for this tool will be restricted to PTCC wing of Inspection Circle, Power utilities like PGCIL and State power utilities, CSTEs (Chief Signal & Telecom Engineer) of all Railway zones and CEA. CEA shall furnish the details of the power utilities from each state for the purpose of creating users. CEA in this regard has informed to

BSNL that after enactment of Electricity Act 2003, the transmission business has been unbundled and consequently many private entities have entered in the transmission area. CERC and SERCs are issuing transmission licensees. Therefore, it would be difficult to prepare a list of users in advance. CEA suggested that a mechanism may be evolved in such a way that new user is required to fill registration form online and after verification, User ID and Password could be issued. The modalities of verification can be worked out. This mechanism would lead to achieving goal of ease of business. A copy of communication made by CEA is enclosed at **Annex-I**.

Members may deliberate.

B 2.2 Collection of Legacy Data for Computerization of PTCC Route Approval Process

Phase-I

As per decision taken in the 99th CLPTCC meeting, 1st phase of collection of legacy data was for armoured cables and their latitude and longitude details. CEA informed that since BSNL now is carrying out digitization of PTCC clearance, therefore, CEA do not require these details.

Phase-II

Under Phase-II, collection of balance legacy data was to be achieved. In the 99th CLPTCC meeting, it was decided that all the DET (PTCC) would nominate one member each from their respective zones and form a working group with one member from Power side.

In this regard, CEA informed that collection of legacy data was envisaged to create distinct GIS layers of Power, BSNL and Railways so that with available legacy data, induced voltage could be computed without getting the marked details from BSNL and Railways. It requires large hardware and associated software and makes the project expensive. CEA opined that digitization of PTCC clearance could be attempted without creation of separate GIS layers of legacy data and under that condition collection of legacy data is not required. It is for BSNL to decide.

Chairman CLPTCC mentioned that although a Committee has been formed but Committee has not met so far. In view of recent development towards computerization of PTCC process activity, Committee may be suspended for the time being and the same may be made active, if required, at later stage depending upon the requirement of computerization process.

Members may deliberate.

B.3 SLPTCC Meetings

In the last meeting, Chairman CLPTCC directed all zonal DET (PTCC) to issue instructions to SDEs (PTCC), Inspection Circle to follow the procedure of organizing the SLPTCC meetings, fix up the dates, prepare the agenda for the meeting and circulate to all concerned as per the procedure. DGM (A/T) Chandigarh was instructed to take up the issue with Haryana Circle and monitor that the meetings are conducted regularly. During deliberation, it was found that SLPTCC meetings had not been held in Eastern zone for a long time. Chairman CLPTCC in this regard informed that explanation needs to be called from the concerned authorities, for not conducting SLPTCC meetings in the Eastern Zone.

It was decided in the 99th CLPTCC meeting that a copy of correspondence between Inspection Circle and concerned Telecom Circle/Power authorities along with agenda of SLPTCC meeting shall be endorsed to Director (PTCC), CEA, for further persuasion of the matter with the concerned State power utilities.

CEA so far has not received from BSNL the details of those power utilities who have not conducted SLPTCC meetings regularly; a copy of communication is enclosed at **Annex-II**.

Members may deliberate.

B.4 Nomination of members from DISCOMs for SLPTCC meetings

In the last meeting, the Committee decided that Secretary/Chairman SLPTCC shall inform all the DISCOMs in their jurisdiction about the dates of the SLPTCC meetings and invite them for the meetings. CEA will suitably direct all the DISCOMs for attending the SLPTCC meetings, if there is no participation from the DISCOMs.

CEA so far has not received from BSNL the details of those DISCOMs who have not participated in the SLPTCC meetings; a copy of communication is enclosed at **Annex-III**.

Members may deliberate.

B.5 Non submission of PTCC proposal of SLPTCC/CLPTCC by M/s PTCUL

(i) Charging of transmission lines without PTCC Route Approval

In the last meeting, the Committee instructed DET (PTCC), Northern zone to forward the details of incomplete cases and the correspondences between DET (PTCC), Northern zone and PTCUL to CEA. Chairman, CLPTCC insisted that CEA should take up this serious issue immediately with concerned authorities, as this is a gross violation of PTCC procedure. DET (PTCC), Northern zone will also try to resolve the issues in next SLPTCC meeting and forward the status to CEA for further necessary action.

CEA so far has not received information from BSNL in this regard; a copy of communication is enclosed at **Annex-IV**.

Members may deliberate.

(ii) Other cases of non-submission of PTCC Proposals

As discussed in item (i) above, Chairman CLPTCC stated that CEA should take up this serious issue immediately with concerned authorities.

CEA in this regard has made communication with the Secretary (Energy), Govt. of Uttarakhand; a copy of the same is enclosed at **Annex-V**. It is further informed that as per information provided by BSNL, CEA has also taken up similarly with Secretary (Energy) of Jharkhand, Sikkim, Assam, West Bengal, Bihar, Tamil Nadu, Himachal Pradesh, Haryana and Uttar Pradesh. CEA also informed BSNL about the same, a copy of communication is enclosed at **Annex-VI**. Subsequently, DET (PTCC), BSNL, Chennai requested CEA to take up with AP TRANSCO and Telangana TRANSCO (a copy is enclosed at **Annex-VII**). Accordingly, the matter was taken up with Secretary (Energy), Andhra Pradesh and Principal Secretary (Energy) of Government of Telangana; and BSNL was informed about the same (a copy is enclosed at **Annex-VIII**).

Members may deliberate.

B.6 Conversion of portion of existing Overhead power line into Underground cable

In the last meeting, it was informed that many proposals are being received from State power utilities seeking PTCC clearance for partly converting existing overhead power line into underground cable, due to various reasons like Metro railway work, local municipal works, etc. In one such earlier case, CEA had clarified that, if due protection have been considered in the original overhead line then even if part of it is converted in to underground cable, further protection may not be required. Since this may not be applicable in all cases as there is a possibility of route change, all State power utilities may be directed to submit the proposal of such cases along with Route Approval details of overhead line and original map marking of changed route wherein overhead portion has been converted, for quick processing of the case.

CEA in this regard has made communication with BSNL and opined that whether conversion is done partly or fully, the case may be treated as a new PTCC case. CEA has requested all DET (PTCC) for circulation of CEA's observation to all power authorities in their next SLPTCC meeting; a copy of communication is enclosed at **Annex-IX**.

Members may deliberate.

B.7 Alternate Protection in place of GD Tubes

GD tube protection is required for affected Telecom cable. It was informed in the last meeting that the BSNL field units are facing difficulty in mounting a lot of GD tubes in shorter span of underground cable. After detailed deliberations, it was decided that a Committee comprising of representatives from PGCIL / State Power Utilities, BSNL and CEA may be formed, for arriving at a solution for protection to telecom assets. The Committee comprises Sh. V Ganesan DGM A/T, Inspection Circle, Chennai, as Convener; Sh. Naresh Bhandari, Director (PTCC), CEA, and Sh. S Balakumar, Chief Manager, Powergrid, Vadodara, as Members.

The Committee will discuss the matter in its 1st meeting proposed to be held on 29th September 2015 at Chennai. The outcome of the meeting would be informed in the CLPTCC meeting.

Members may deliberate.

B.8 Kerala SEB case regarding EPR values

In the last meeting, DET (PTCC), BSNL, Chennai informed that for PTCC case submitted by KSEB i.e. 220 KV MC Line from 400kV Mannukkad S/S (PGCIL) to 220kV Kanjikkode S/S, a clarification from CEA is needed regarding whether single phase or three phase fault current is to be used for computation of EPR values.

CEA in this regard has made communication with BSNL and opined that fault current to be considered for EPR calculations and induced voltage calculations are not the same values. For EPR, three phase fault current and for induced voltage, single phase fault current are to be considered; a copy of communication is enclosed at **Annex-X**.

Members may deliberate.

B.9 Nomination of Member (POWER) from APTRANSCO and TSTRANSCO

In the last meeting, it was informed that due to recent bifurcation of Andhra Pradesh State into two States as Telangana and Andhra Pradesh, two separate Electricity utilities are

functioning as APTRANSCO and TSTRANSCO with headquarters at Hyderabad. From Andhra Pradesh, proposals for clearance of EHT (Extra High Tension) lines are being submitted by Chief Engineers of APTRANSCO from Hyderabad viz, Chief Engineer 400 KV SS, Chief Engineer Lift Irrigation, Chief Engineer Construction-I, Chief Engineer Construction-II, etc. The proposals from TSTRANSCO are being submitted by Chief Engineer, TSTRANSCO/Hyderabad. It was suggested that a nodal officer is to be nominated as Member (Power) SLPTCC from both the Electricity Utilities, authorizing them to forward and process all the Power line PTCC cases for following a uniform procedure and for better co-ordination. Two separate SLPTCC meetings with APTRANSCO and TSTRANSCO were conducted recently under the Chairmanship of GM (NWO-CFA), BSNL, Andhra Telecom Circle.

CEA in this regard has made communication with TSTRANSCO; a copy of communication is enclosed at **Annex-XI**.

Members may deliberate.

B.10 Non-submission of proposal / telecommunication details from Defence

From Defence side, no proposal / telecommunication details are furnished to CEA for PTCC route approval, although Defence is one of the members of Central PTCC. Defence authorities are not being asked to furnish telecommunication details within influence zone of extra high voltage power transmission lines. Defence authorities may comment on this.

In the last meeting, the issue could not be deliberated, as no Defence representative attended the meeting.

Members may deliberate.

C. New Agenda points

C.1 Agenda received from MPPTCL (Madhya Pradesh Power Transmission Co. Ltd.)

A copy of agenda received from MPPTCL (Madhya Pradesh Power Transmission Co. Ltd.) is enclosed at **Annex-XII**.

Members may deliberate.

C.2 Agenda received from DET (PTCC), BSNL, Western Zone

A copy of agenda received from DET (PTCC), BSNL, Western zone is enclosed at **Annex-XIII**. It has been claimed that 25 PTCC cases are pending with CEA. The details have been examined and following is observed:

- For 11 nos. cases, Induced voltage calculations have already dispatched
- For 3 nos. cases, Induced voltage calculations are under process
- Balance 11 nos. cases are pending for want information yet to be received from BSNL / Railways / Power authorities.

Case-wise details are enclosed at **Annex-XIV**.

Members may deliberate.

C.3 Agenda received from KSEB Ltd. (Kerala State Electricity Board Limited)

A copy of agenda received from KSEB Ltd. (Kerala State Electricity Board Limited) is enclosed at **Annex-XV**. The agenda (Sr. no. 2 of the table) is linked to EPR (Earth Potential Rise), about which CEA has already furnished its comments to BSNL, refer agenda item B.8 above.

Members may deliberate.

C.4 Agenda received from PGCIL, WR-II

A copy of agenda received from PGCIL, WR-II is enclosed at **Annex-XVI**.

C.5 Agenda received from DMRC (Delhi Metro Rail Corporation Limited)

A copy of agenda received from DMRC (Delhi Metro Rail Corporation Limited) is enclosed at **Annex-XVII**.

C.6 Agenda received from PSTCL (Punjab State Power Transmission Corporation Limited)

A copy of agenda received from PSTCL is enclosed at **Annex-XVIII**.

C.7 Agenda received from BSNL

Fixing of Limits for EPR zone values for the new Sub Stations:
Route Approval Certificates are being issued for any HT/ EHT power line, incorporating the theoretical value of the EPR zone (in distances) of the proposed Sub Stations, mentioning the hazard zones w.r.t various type of Telecom Plants as below:

No	Type of telecom plant	Type of Power system
		High reliability lines
1	Terminal Apparatus, joints, cabinets, pillars, manholes, pits, poles.	650 V
2	Telephone Exchanges	430 V
3	Cables : Plastic insulated and plastic sheathed & PIJF	7 KV
4	Solid Polythene insulated fully filled UG PCM Cable	10 KV

Due to expansion in Power system Network, the magnitude of hazard zone(theoretical value) for some new Substations furnished by Power authorities are extremely high, .i.e. upto nearly 5 Kms, which needs re-engineering of already existing telecom assets in this zone which may not be practically feasible in all cases. Also it may prevent installation/expansion of any Telecom assets in this zone in future. Hence it may please be considered whether any limits may be fixed for this hazard zone of the SS while designing the earth mat of the SS, as in the case of induction values limited to 2000 volts.

Members may deliberate.



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पावर कम्युनिकेशन डवलपमेंट डिवीजन
Power Communication Development Division
एन.आर.पी.सी. परिसर,
18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg,
Katwaria Sarai,
नई दिल्ली-110016 New Delhi - 110 016

Annex-I
टेलीफैक्स सं. 011-26565214



[आई.एस.ओ. 9001:2008]

No. CEA/PCD/100 CLPTCC/1346

Date: 28-AUG-2015

**Chief General Manager,
BSNL, Inspection Circle,
Sanchar Vikas Bhawan,
Residency Road,
Jabalpur-482001(MP)**

Sub: Follow-up action on the minutes of the 100th CLPTCC meeting - Item No. B.2.1

Sir,

As informed in the last CLPTCC meeting, BSNL has been entrusted with the work of digitization of PTCC route approval clearance. In this regard, kindly intimate status / progress made so far.

Regarding details of power utilities for creating users in the proposed online system, it is to inform that after enactment of Electricity Act-2003, transmission business has been unbundled and consequently many private entities have entered in the transmission area. CERC and SERCs are issuing transmission licensees. Therefore, it would be difficult to prepare a list of Users in advance.

It is suggested that the proposed mechanism may be such that new user is required to fill registration form online and after verification, User ID and Password would be issued. The modalities of verification can be worked out. This mechanism would lead to achieving the goal of ease of business. In this regard, three pages of CEA portal of online application for Inspection of Electrical installation are enclosed for reference. This portal has been developed by NIC and approved by Cabinet Secretary, Government of India.

Encl.: As above.

Yours faithfully,

PM
28/8/15
dk (Dr. Prabhat Mohan)
Chief Engineer &
Chairman, CLPTCC



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
भार प्रेषण एवं दूर संचार प्रभाग
Power Communication Development Division
एन.आर.पी.सी. परिसर,

18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg,
Katwaria Sarai,

नई दिल्ली-110016 New Delhi - 110 016

संलग्न प्रि
टेलीफैक्स सं. 011-26859952
Annex-II



[आई.एस.ओ. 9001:2008]

No. CEA/PCD/100 CLPTCC/1177

Dated 07-08-2015

**The CGM, BSNL, Inspection Circle,
Sanchar Vikas Bhawan,
Residency Road,
Jabalpur – 482001 (M. P.)**

**Sub: Follow-up action on the minutes of the 100th CLPTCC meeting on Item No. B.4,
regarding arranging of SLPTCC Meeting at regular interval.**

Sir,

During 100th CLPTCC meeting held on 26-05-2015 at Chandigarh, it was decided that CEA will issue suitable instruction to the power authorities after getting detail list from all DET's, PTCC against those power authorizes, which do not conduct SLPTCC meetings at regular interval. So far, CEA has not been received any information in this regard.

भवदीय,

Manish
(नरेश भंडारी) 07/08/15

निदेशक (पी.टी.सी.सी.)



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
भार प्रेषण एवं दूर संचार प्रभाग
Power Communication Development Division
एन.आर.पी.सी. परिसर,

18-ए, शहीद जौत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg,
Katwaria Sarai,

नई दिल्ली-110016 New Delhi - 110 016

भारतीय विद्युत प्राधिकरण
टेलीफैक्स सं. 011-26859952
Annex-III



[आई.एस.ओ. 9001:2008]

No. CEA/PCD/100 CLPTCC/1170

Dated 07-08-2015

**The CGM, BSNL, Inspection Circle,
Sanchar Vikas Bhawan,
Residency Road,
Jabalpur – 482001 (M. P.)**

**Sub: Follow-up action on the minutes of the 100th CLPTCC meeting on Item No. B.5,
regarding Nomination of members from DISCOMs for SLPTCC meeting.**

Sir,

As per decision of 100th CLPTCC meeting held on 26-05-2015 at Chandigarh, if there is no participation in the SLPTCC meeting from the DISCOM, concern DET PTCC would inform CEA for further taking up the matter with the concerned DISCOM (s).

CEA is yet to receive information in this regard.

भवदीय,

Manish 07/8/15
(नरेश भंडारी)

निदेशक (पी.टी.सी.सी.)



भारत सरकार
Government of India
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Central Electricity Authority
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संचारिका सं. 011-26859952
Annex-IV



[आई.एस.ओ. 9001:2008]

No. CEA/PCD/100 CLPTCC/1171-1172

Dated 07-08-2015

Divisional Engineer (Telecom),
PTCC, O/o G M (North), BSNL,
Inspection Circle, CTS Compound,
Netaji Nagar, New Delhi – 110023

**Sub: Follow-up action on the minutes of the 100th CLPTCC meeting on Item No. B.6
(i), regarding Charged CLPTCC cases without PTCC route approval by PTUCL.**

Sir,

The committee decided in the 100th CLPTCC meeting held on 26-05-2015 at Chandigarh, that the DET, PTCC Northern Region, New Delhi will discuss with PTUCL officers and try to resolve the issues related to above mentioned subject in the next SLPTCC meeting. The status of the SLPTCC meeting report would be forwarded to the CEA office for necessary action.

CEA is yet to receive the status report.

भवदीय,

Manish 07/8/15
(नरेश भंडारी)

निदेशक (पी.टी.सी.सी.)

Copy for information to :
The CGM, BSNL, Inspection Circle,
Sanchar Vikas Bhawan,
Residency Road,
Jabalpur – 482001 (M. P.)

By Speed Post
टेलीफैक्स सं.011:26565214
Annex-V



केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority [ISO: 9001: 2008]
भार प्रेषण एवं दूर संचार प्रभाग
Load Despatch & Telecommunication Division
न.आर.ई.बी. परिसर, 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg, Katwaria Sarai,
नई दिल्ली-110016
New Delhi - 110 016



No. CEA/LD&T/PTCC/MISC/2015/ 597

Date: 9th June, 2015

The Secretary (Energy)
Government of Uttarakhand
Uttarakhand Secretariat
4-B, Subhash Road
Vishwakarma Bhawan, 3rd Floor, Room No. 301
Dehradun 248001.

Subject: Power & Telecommunication Coordination Committee Route Approval in Compliance of Electricity Act, 2003.

Sir,

Section 160(1) of Electricity Act, 2003, provides for protection of telegraphic, telephonic and electric signalling communication and the same is reproduced as under:

"Every person generating, transmitting, distributing, supplying or using electricity (hereinafter in this section referred to as the "operator") shall take all reasonable precautions in constructing, laying down and placing his electric lines, electrical plant and other works and in working his system, so as not injuriously to affect, whether by induction or otherwise, the working of any wire or line used for the purpose of telegraphic, telephone or electric signaling communication, or the currents in such wire or line."

Sub-section (2) of Section 177 of the Electricity Act, 2003, empowers CEA to make regulations, and accordingly regulations prepared by CEA in this context are titled "Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines)". Section 88(5) is relevant here and is reproduced as under:

"The Owner shall arrange all required consents and approvals including those from Power and Telecommunication Co-ordination Committee (PTCC), and for civil aviation, road, river, rail, canal or power line crossings, way leaves and environmental & forest clearances etc. from the concerned authorities/ agencies."

With above into consideration, it is mandatory for licensee of LHV transmission line to seek PTCC approval/clearance before charging of the line. It has been observed that transmission and distribution licensees in Uttarakhand sometimes do not seek PTCC clearance. This would tantamount to violation of legal provisions in vogue. It might so be happening that Electrical Inspectors of Uttarakhand in their inspection proforma have not kept PTCC clearance as one of the requirements and thus, perhaps, this mandatory clearance, is ignored. The PTCC Route Approval requirements have been existing under the earlier Acts also.

It is requested that transmission and distribution licensees of Uttarakhand may be instructed to apply for PTCC clearance well before charging of transmission lines. The procedure for the same is laid down in PTCC Manual, 2010, which is a priced copy and available at Electric Power Information Society, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi 110066; Telefax:- 91-11-26101696, 26732216.

d/c

Yours faithfully,

PMohan
09/6/15
(Dr. Prabhat Mohan)
Chief Engineer (LD&T)

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
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नई दिल्ली-110016
New Delhi - 110 016



No. CEA/LD&T/PTCC/MISC/2015/ 611

Date: 11th June, 2015

Shri A.C. Mishra
Chief General Manager
Inspection Circle
Bharat Sanchar Nigam Ltd. (BSNL)
Sanchar Vikas Bhawan
Residency Road
Jabalpur 482 001.

Sir,

As discussed and decided in last Central PTCC meeting held on 26.05.2015 at Chandigarh, that CEA would take up with those power utilities which often do not seek PTCC clearance, communication has been made with State Governments of Jharkhand, Sikkim, Assam, West Bengal, Bihar, Tamil Nadu, Uttarakhand, Himachal Pradesh, Haryana and Uttar Pradesh (copies are enclosed). In case any other power utility is required to be informed, their details may kindly be furnished.

Encl.: As above.

Yours faithfully,

PM
11/6/15
(Dr. Prabhat Mohan)
Chief Engineer (LD&T)

श्री

Annex-VII

BHARATSANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)
INSPECTION CIRCLE
Office of the Divisional Engineer Telecom (PTCC)
Raj Bhavan Telephone Exchange
1st Floor, No. 26, Sardar Patel Road, Guindy, Chennai-32.
Tele: 044/22355550 Emailid: deptccchi@gmail.com

To
The AGM (PTCC)
Inspection Circle
Jabalpur.

No:SR-PTCC/CM/13-15/81

dtd. @ CNI-32 the

19/06/2015

Sub : Power utilities which often do not seek PTCC clearance-reg
Ref : Chief Engineer (LD & T) CEA, New Delhi office Ir.no. CEA/LD & T/PTCC/MISC/2015/611
dated 11/06/2015

Kindly refer to the letter cited above. In Southern Region, most of the Power utilities are referring proposals for the new erection of power lines/cables for PTCC clearance. However, it is intimated that the following power utilities may also be informed for seeking the PTCC clearance as no new HT proposals of 22/33 KV have been referred in the recent past.

1. AP TRANSCO-Chief Engineer Construction I & II, Vidhyth Soudha, Hyderabad.
2. TELENGANA TRANSCO- Chief Engineer Construction, Vidhyth Soudha, Hyderabad.

Handwritten signature
19/6/2015
Divisional Engineer Telecom PTCC,
Inspection Circle, Southern Region
Chennai - 32.

Copy to:

1. The Chief Engineer (LD & T) CEA, New Delhi for your kind info pl.
2. The Sr.G.M.(HQ), IC, Jabalpur for your kind info. Pl.



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
भार प्रेषण एवं दूर संचार प्रभाग
Power Communication Development Division
एन.आर.पी.सी. परिसर,
18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg,
Katwaria Sarai,
नई दिल्ली-110016
New Delhi - 110 016

फार्मेटिंग डी.
टेलीफैक्स सं. 011-26859952
Annex-VIII



[आई.एस.ओ. 9001:2008]

No. CEA/PCD/PTCC/ Misc. 1942-943

Dated 23-07-2015

The AGM (PTCC),
BSNL, Inspection Circle,
Sanchar Vikas Bhawan,
Residency Road,
Jabalpur – 482001 (M. P.)

Sir,

It is in reference to letter no. SR – PTCC / CM / 13-15 / 81 dated 19-06-2015 from DET (PTCC), SR, Chennai, addressed to you with copy to CE, CEA.

In this regard, matter has been taken up with Andhra Pradesh and Telangana power authorities. Copies of correspondence made are enclosed for your information.

Encl. : As above.

भवदीय,

ofc

Manish
(नरेश भंडारी) 23/7/15

निदेशक (पी.टी.सी.सी.)

Copy for kind information to :

CGM, BSNL, Inspection Circle,
Sanchar Vikas Bhawan,
Residency Road, Jabalpur – 482001 (M. P.)

(Dr. Prabhat Mohan)
Chief Engineer (PCD)



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
भार प्रेषण एवं दूर संचार प्रभाग
Power Communication Development Division
एन.आर.पी.सी. परिसर,

18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg,
Katwaria Sarai,

नई दिल्ली-110016 New Delhi - 110 016

फाल्गुण २०१५
टेलीफैक्स सं. 011-26859952
Annex-IX



[आई.एस.ओ. 9001:2008]

No. CEA/PCD/100 CLPTCC/1166-1169 & 1178

Dated 07-08-2015

- 1 Divisional Engineer (Telecom),
PTCC, O/o G M (North),
Bharath Sanchar Nigam Limited,
Inspection Circle, CTS
Compound, Netaji Nagar, New Delhi –
110023
- 2 Divisional Engineer (T),
PTCC, Southern Region,
Raj Bhavan Telephone
Exchange,
1st Floor, No.26, Sardar Patel
Road, Guindy,
CHENNAI-600032.
- 3 Divisional Engineer (T),
BSNL, PTCC, Western Region,
Juhudanda Administrative Building,
3rd Floor, 'D' Wing,
Juhu Tara Road, Santacruz (West),
Mumbai-400054,(Maharashtra).
- 4 The Divisional Engineer (T),
PTCC, Eastern Region, BSNL,
Inspection Circle, QR. No.- 12,
Type- 3,P & T Housing
Complex, 11/1 C I T
Scheme., Ultadanga Main Road,
Kolkata – 700067

Sub: Follow-up action on the minutes of the 100th CLPTCC meeting on Item No. C.1 (a), regarding Conversion of portion of existing O / H power line in to U / G cable.

Sir,

During 100th CLPTCC meeting discussion, Committee observed that instruction from CEA office should be issued to power authorities related to above mentioned subject. The matter has been examined by CEA and it is opined that the conversion of any over head (O / H) power line (partially or fully) in to under ground (U / G) power cable be treated as new PTCC case for the conversion portion. In other words, PTCC route approval is essential for conversion portion of any over head (O / H) power line in to under ground (U / G) power cable line. All DET's PTCC may circulate this CEA observation to all power authorities in their next SLPTCC meeting.

भवदीय,

March 07/08/15
(नरेश भंडारी)

निदेशक (पी.टी.सी.सी.)

Copy for kind information to:

The CGM, BSNL, Inspection Circle, Sanchar Vikas Bhawan,
Residency Road, Jabalpur – 482001 (M.P.).



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पावर कम्युनिकेशन डवलपमेंट डिवीजन
Power Communication Development Division
एन.आर.पी.सी. परिसर,
18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg,
Katwaria Sarai,
नई दिल्ली-110016 New Delhi - 110 016

फाईलिंग नं. 100
टेलीफैक्स सं. 011-26859952
Annex-~~X~~



[आई.एस.ओ. 9001:2008]

No. CEA/PCD/100 CLPTCC/1213-1216

Dated 18-08-2015

- 1 **Divisional Engineer (Telecom),**
PTCC, O/o G M (North),
Bharath Sanchar Nigam Limited,
Inspection Circle, CTS Compound,
Netaji Nagar,
New Delhi – 110023
- 2 **Divisional Engineer (T), PTCC,**
Southern Region, Raj Bhavan
Telephone Exchange, 1st Floor,
No.26, Sardar Patel Road,
Guindy, Chennai - 600032.
(Tamil Nadu).
- 3 **Divisional Engineer (T),**
BSNL, PTCC, Western Region,
Juhudanda Administrative Building, 3rd
Floor, 'D' Wing,
Juhu Tara Road, Santacruz (West),
Mumbai-400054,(Maharashtra).
- 4 **The Divisional Engineer (T),**
PTCC, Eastern Region, BSNL,
Inspection Circle, Burra Bazar
Telephone Kendra, 3rd Floor, 148
Chhitaranjan Avenue,
Kolkata – 700007

Sub: Follow-up action on the minutes of the 100th CLPTCC meeting on Item No. C.2.6 (2) & A.4 regarding revised RAC based on revised EPR values.

Sir,

During discussions held in the 100th CLPTCC meeting held on 26-05-2015 at Chandigarh, regarding the point raised by KSEB and DET, PTCC, Chennai, the committee observed that suitable instruction from CEA office should be issued to power authorities related to above mentioned subject. The matter has been examined by CEA and it is opined that fault current consider^{ed} for EPR calculation and induced voltage calculation are not same values. The three phase fault current at the existing / proposed sub-station to be considered for calculation of EPR and single line to ground fault of the particular power line to be considered for calculation of induced voltage.

Handwritten:
Jho → 24
18/08/2015

Handwritten: dc
भवदीय
Marsh
(नरेश भंडारी)
निदेशक (पी.टी.सी.सी.)

Copy for information to :

The CGM, BSNL, Inspection Circle, Sanchar Vikas Bhawan, Sanchar Vikas Bhawan, Residency Road, Jabalpur – 482001 (M. P.)



A.1

भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
भार प्रेषण एवं दूर संचार प्रभाग
Load Despatch & Telecommunication Division
एन.आर.पी.सी. परिसर,
18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय
NRPC Complex, 18-A, Shaheed Jeet Singh S. Marg,
Katwaria Sarai,
नई दिल्ली-110016
New Delhi - 110 016

हातांकित प्रि
टेलीफैक्स सं. 011-26859952
Annex- XI



[आई.एस.ओ. 9001:2008]

No. CEA / PCD / PTCC / 100CLPTCC / 1072-1073

Dated 06-08-2015

The Chief Engineer (Construction),
TSTRANSCO,
Vidyūt Soudha,
Hyderabad – 500082.

Sir,

With creation of New Telangana State, there is need to nominate Nodal officer from TS TRANCO, as Member (Power), for State Level PTCC forum.
Kindly deputed.

भवदीय,

Manish 06/08/15
(नरेश भंडारी)

निदेशक (पी.टी.सी.सी.)

Copy for information to:

The CGM, BSNL, Inspection Circle, Sanchar Vikas Bhawan,
Residency Road, Jabalpur – 482001 (M. P.) : With reference to
discussion held in 100th CLPTCC meeting, agenda item no. A.1 of 'New
Agenda'



MADHYA PRADESH POWER TRANSMISSION CO.LTD.
(A wholly owned Govt. of Madhya Pradesh Undertaking)
CIN: U40109MP2001SGC014880
Block No.3 Shakti Bhawan, Rampur, Jabalpur (M.P.)482008
Phone : (0761) 270-2164, 2135, 2134 Fax:(0761)2665593, e-mail:mptransco@nic.in

Annex - XII

No.04-01/PTCC/1202/TR-II/ 7283

Dt. 14 SEP 2015

To,

**The Director (PTCC) ,
Central PTCC NRPC complex,
18A, Shaheed Jeet Singh Marg,
Katwaria Sarai
New Delhi 110016**

Sub: 101st Central PTCC meeting scheduled at New Delhi

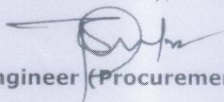
Ref: email dt. 04.09.15

Dear Sir,

In reference to your email dt. 04.09.15 please find enclosed herewith the Agenda item of MPPTCL, Jabalpur to be discussed during 101st Central PTCC meeting to be held at New Delhi on 9th Oct. It is requested to include our agenda for discussion in 101st Central PTCC meeting so that pending PTCC approval could be discussed with the concerned officials and addressed by the Central PTCC.

Encl: As above.

Yours Sincerely,


Chief Engineer (Procurement)

Copy to:

1. The AGM, PTCC, T&D Circle, BSNL Sanchar Bhawan, Residency Road, Jabalpur- 482001
2. The Divisional Engineer (PTCC), Bharat Sanchar Nigam Limited, Juhudanda Administrative Building, 3rd floor, Juhutara Road, Santacruz (W) Mumbai 54
3. The CSTE, West Central Railway, 1st floor, Annex-II Building, Jabalpur 482001
4. The CSTE, Western Railway, 5th floor, Station Building, Church Gate, Mumbai
5. The CSTE, South Eastern Central Railway, Bilaspur 495004
The CSTE, North Central Railway, Ganga Complex, Subedarganj, North Central Railway, Allahabad 211001
6. The CSTE, Central Railway Annex Building, 3rd floor, CST, Mumbai 400001
7. The SDE (PTCC) Bharat Sanchar Nigam Limited, Room No.15, Annex Building, Door Sanchar Bhawan, Hoshangabad Road, Bhopal

AGENDA POINTS FROM M P POWER TRANSMISSION CO. LTD. JABALPUR FOR 101st CENTRAL PTCC MEETING TO BE HELD AT NEW DELHI ON 9.10.2015 IN REFERENCE TO EMAIL DATED 04.09.2015 FROM DIRECTOR (PTCC) NEW DELHI

- 1) **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 field officers have been issued for collecting the same at the earliest. Considering the huge network of MPPTCL, it is expected that considerable time will be required in collecting such data and the same shall be furnished at the earliest as possible.

- 2) **PTCC ROUTE APPROVALS:**

PTCC ROUTE APPROVAL FOR 220 KV LINES:

- a. **LILO of one circuit of 220KV DCDS Bhopal-Bina line at S/s Ganjbasoda (Case Mark No.MP-404)**

The case is submitted vide letter No.5914 dt. 02.08.2014 for registration of DET (PTCC) Mumbai & submission of Telecom circuit details from SDE (PTCC), Bhopal & WCR. The case has been registered by DET (PTCC) vide letter dt. 13.08.14. Telecom circuit details forwarded by WCR vide letter No.WCR-N-HQ-120-PTCC-CORR-T-50-Pt-111 case 122 dt.10.10.14. Details of submission of telecom details by BSNL is not available with this office. *The Central PTCC is requested to issue suitable instructions in the matter.*

- b. **LILO of one circuit of 220KV DCDS line from 220KV Narsinghpur to 220kV Itarsi at 220KV Chichli (Case mark No.MP-417)**

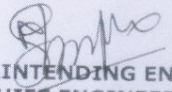
The case was submitted by this office letter no. 431 dt. 16.01.2015 for registration to DET(PTCC) Mumbai and submission of Telecom details to BSNL & WCR. TCD received from WCR vide letter dt. 02.02.2015 has been forwarded to Director (PTCC), New Delhi vide this office letter No.1829 dt. 09.03.2015. Details regarding submission of telecom circuit details of BSNL not available with this office. *The Central PTCC is requested to issue suitable instructions in the matter.*

- c. **LILo of one circuit of Rewa 220-Bansagar (Tons) 220KV DCDSline at proposed 220KV S/s Sirmour (New Case)**

The case was submitted by this office letter No.3766 dt. 18.05.15 for registration to DET (PTCC), Mumbai and submission of telecom details to BSNL

:2:

and WCR. TCD received from WCR vide letter No. case 136 dt. 28.05.15. WCR has conveyed NOC for construction of above line vide letter dt. 28.05.15. An early action for registration of the case and submission of telecom circuit details are requested from DET (PTCC), Mumbai. The Central PTCC is requested to issue suitable instructions in the matter.


**SUPERINTENDING ENGINEER (TRANS)
O/O CHIEF ENGINEER (PROCUREMENT)**

O/o DET(PTCC), Western Zone,
3rd Floor, 'D' Wing, Admn. Bldg., BSNL Complex,
Santacruz(W), Mumbai -400054
Phone - 022- 26611530, 26608521



भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

No. IC/MBI/PTCC /CLPTCC/46

Dated at Mumbai, the 08.09.2015

To,

Honorable Director (PTCC),
CEA, New Delhi.

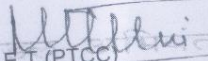
Sub: Agenda points for 101th Central PTCC meeting to be held at New Delhi on 09.10.15.

Telecom detail for following 25 cases of Western Region, Mumbai have been forwarded to CEA, New Delhi for submission of Induced Voltage calculation. Route approval certificate of these cases can be issued after receipt of I.V detail from CEA, New Delhi.

CLPTCC cases of Western Region , Mumbai pending with CEA, New Delhi for IV calculation					
Sr.No	Name of the power line	Date of Ref.	File No.	IV called on	Pending for
Chhatisgarh State					
1	400KV D/C line from M/s KSK Mahanadi power plant in Nariyara village to 765KV PGCIL s/s near Taga village	23.09.13	81	01.06.15	IV from CEA are awaited
Maharashtra State					
1	220KV D/C LILO on Padghe - Kambha line for Rajlaxmi s/s	3.11.09	1825	28.09.12	IV from CEA are awaited
2	400KV D/C line from Navsari-Boisar (MH Portion)	02.10.12	2048	08.07.13	IV from CEA are awaited
3	220KV D/C line from 400KV PGCIL Solapur s/s- Bale (Solapur-II) S/S	19.10.13	2161	06.07.15	IV from CEA are awaited
4	220KV D/C LILO line on Pandharpur -Vita line for proposed 220KV Pandharpur-II (Bhalwani) s/s	29.10.13	2171	06.07.15	IV from CEA are awaited
5	220KV D/C lines from 400KV PGCIL Talegaon s/s for 220KV Hinjwadi MIDC Phase-I s/s & 220KV Hinjwadi MIDC Phase -II s/s (One circuit for each)	28.02.14	2194	02.03.15	IV from CEA are awaited
6	400KV D/C I/C between 765KV Ektuni(Auranagabad) s/s & 400KV Thapti Tanda (Auranagabad) s/s	01.03.14	2195	06.07.15	IV from CEA are awaited

	Ckt.No.I & II				
7	400KV D/C LILO line on Babhaleshwar -Thapti Tanda (Auranagabad-II) line from Loc.No.5 to 765KV Ektuni(Auranagabad) s/s	01.03.14	2196	06.07.15	IV from CEA are awaited
8	220KV D/C line from 400KV Lamboti s/s - 220KV Vairag s/s	18.02.15	2241	06.07.15	IV from CEA are awaited
9	220KV D/C line from 220KV Paranda s/s - 220KV Vairag line	24.02.15	2243	06.07.15	IV from CEA are awaited
10	765KV D/C line Kudgi -Kolhapur trans.line (Part-II for Maharashtra portion)	27.02.15	2247	20.04.15	IV from CEA are awaited
11	400KV D/C LILO line on 400KV D/C Kolhapur -Mapusa trans.line for 400KV GIS ,Kolhapur (Part-II for Maharashtra portion)	27.02.15	2248	20.04.15	IV from CEA are awaited
12	220KV D/C LILO line on 220KV Pandharpur - Malinagar line for 220 KV Co-Generatin Plant s/s at Shri.Vithal SSK Ltd. Venunagar	27.02.15	2249	06.07.15	IV from CEA are awaited
Madhya Pradesh State					
	Nil	NIL	NIL	NIL	NIL
Gujrat State					
1	220KV D/C Kansari - Thavar line	22.03.07	1556	01.05.15	IV from CEA are awaited
2	220KV D/C Bhilad- PGCIL (Ambheti)	14.02.08	1626	15.09.13	IV from CEA are awaited
3	400KV D/C Varsana- Hadala	16.11.09	1762	15.09.13	IV from CEA are awaited
4	220KV D/C Lilo to Kukma from Anjar- Panandhro ccts no 2	14.06.10	1797	15.09.13	IV from CEA are awaited
5	220KV D/C Sankhari- Jangral line	06.12.10	1852	12.02.12	IV from CEA are awaited
6	220KV D/C.Tharod -Deodar line	03.07.12	1868	19.07.12	IV from CEA are awaited
7	220 KV Lilo from 220KV Navsari-220KV Popada s/s.	15.05.12	1942	20.05.13	IV from CEA are awaited
8	400 KV D/C Kosamba--Choraniya	03.12.12	2022	20.05.13	IV from CEA are awaited
9	220KV D/C Charnaka-Jangral	14.02.14	2112	12.05.14	IV from CEA are awaited
10	220KV D/C LILO to Ps-3 (of SSNL- AT Bhachau) from existing 220 Kv Tappar Shivilakha line	1.3.2014	2162	04.12.14	IV from CEA are awaited
11	400KV D/C line from KAPP-Navsari	03.09.14	2184	08.04.15	IV from CEA are awaited
12	LILO of Both Circuit of 220 KV Halvad-Bhimasar line at 400 KV Halvad S/S	10.06.15	2211	26.08.15	IV from CEA are awaited

This point may be included as agenda point in the ensuing CLPTCC meeting please.


D.E.T. (PTCC)
Mumbai-54
Divisional Engineer
PTCC, Mumbai-54.

Copy to
The A.G.M. (PTCC), Inspection Circle, Jabalpur. For kind information & needful action please.

Annex-XIV

Ref: DET (PTCC) BSNL, WR, Mumbai letter no. IC/MBI/PTCC/CLPTCC/46 dated 8 Sep' 2015.

Table A: IV comments already issued

Sl. No.	CEA case No.	Name of PTCC Case
1	CHH-57	400kV D/C line from M/S KSK Mahanadi Power Plant in Nariyara village to 765/400kV PGCIL S/S near Taga village Janjgir- Champa District
2	MRA -1021	400kV D/C line from Navsari – Boisar (MH Portion)
3	MRA - 1074	400kV D/C I/C between 765kV Ektuni (Aurangabad) S/s & 400kV Thapti Tanda (Aurangabad) S/s Ckt-I & II
4	MRA-1075	400kV D/C LILO line on Babhaleshwar – Thapti Tanda (Aurangabad-II) line to 765 kV Ektuni (Aurangabad) s/s
5	GUJ-588	220kV D/C Kansari – Thavar line
6	GUJ-601	220kV D/C LILO to Kukma from Anjar Panandhro ckt no.2
7	GUJ-624	400kV D/C Varsana -Hadala
8	GUJ-651	220kV D/C LILO from 220kV Navsari – 220kV Popada S/s
9	GUJ-663	400kV D/C Kosamba -Choraniya
10	GUJ -677	220kV D/C LILO to SSNL at Bhachau from existing 220kV Tappar Shivilakha line
11	GUJ-695	400kV D/C line from KAPP - Navsari

Table B: IV calculation under process

Sl. No.	CEA case No.	Name of PTCC Case
1	MRA - 1058	220kV D/C line from 400kV PGCIL Solapur S/s – Bale (Solapur-II S/s)
2	MRA- 1078	220kV D/C lines from 400kV PGCIL Talegaon S/s for 220kV Hinjwadi MIDC Phase-II S/s (One ckt for each)
3	GUJ-692	220kV D/C Charnaka – Jangral

Table C: BSNL details are awaited

Sl. No.	CEA case No.	Name of PTCC Case
1	MRA - 921	220kV D/C LILO on Padghe – Kambha line for Rajlaxmi S/s
2	GUJ-702	220kV D/C Thorad – Deodar line
3	GUJ-703	220kV D/C Sankhari – Jangral line
4	GUJ-705	LILO of both circuits of 220kV Halvad - Bhimasar line at 400kV Halvad S/s

Table D: Power details are awaited

Sl. No.	CEA case No.	Name of PTCC Case
1	MRA-1087	765kV D/C line Kudgi – Kolhapur line (Part-II for Maharashtra Portion)
2	GUJ-702	220kV D/C Thorad – Deodar line
3	GUJ-703	220kV D/C Sankhari – Jangral line

Table E: Railway details are awaited

Sl. No.	CEA case No.	Name of PTCC Case
1	GUJ-705	LILO of both circuits of 220kV Halvad - Bhimasar line at 400kV Halvad S/s
2	MRA-1059	220kV D/C LILO line on Pandharpur- Vita line for proposed 220kV S/s Pandharpur-II (Bhalwani) S/s
3		
4		
5	MRA - 1096	220kV D/C line from 400kV Lamboti S/s – 220kV Vairag S/s
6	MRA-1098	220kv D/C line from 220kV Paranda S/s – 220kV Vairag line
7	MRA-1101	400kV D/C LILO line on 400kV D/C Kolhapur – Mapusa line for 400kV GIS Kolhapur (Part-II for Maharashtra Portion)
8	MRA-1097	220kV D/C LILO line on 220kV Pandharpur – Mlinagar line for 220kV Co-Generation Plant S/s at Shri Vithal SSK Ltd. Venunagar.

Table F : Not registered in CEA

Sl. No.	CEA case No.	Name of PTCC Case
1	-	220kV D/C Bhiladi – PGCIL (Ambheti)



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Indian Companies Act, 1956)
 Registered office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram 695 004
 O/o the Chief Engineer, Transmission South, Vidyuthi Bhavanam, Pattom,
 Thiruvananthapuram 695 004; Telephone: +91-471-2446471; Fax: +91-471-2514460
 Website: www.kseb.in; Email: cets@kseonet.com

No. DCE(TS)/EE1-ÀEE3/CLPTCC/15-16/580

Dated: 09.09.2015

To
 Dr.Prabhat Mohan,
 Chief Engineer & Chairman, CLPTCC
 Central Electricity Authority,
 Power Communication Development Division,
 New Delhi- 110016

Sub: Agenda point for the 101st CLPTCC meeting scheduled to be held on 09.10.2015
 at New Delhi - regarding
 Ref: Your Meeting Notice No. CEA/PCD/2015-PTCC/Dated 4th September,2015

The points to be included in the agenda of the 101st CLPTCC meeting to be held
 on 09.10.2015 at New Delhi is furnished below.

Sl. No.	Description of Power line referred for PTCC approval	Remarks
1	220kV DC line from 220kV SS Pothencode - 220kV SS Kattakkada- Topo map re-submitted to Director, CEA, New Delhi	RAC is issued by DE (PTCC), Chennai on 01/05/2015. Energisation Approval from BSNL is pending
2	220kV MC line from 400kV SS(PGCIL) Mannukad - 220kV SS Kanjikkode- 3KM- Clarification forwarded to CEA and DE, BSNL, Chennai	Revised EPR particulars have been furnished by KSEB on 6.4.15; The 100 th committee decided that CEA/New Delhi will study the case and issue suitable guidelines. Awaiting further instructions from CEA, New Delhi.

This is for information and necessary action, please.

Thanking you,

Yours faithfully

[Signature]
 Deputy Chief Engineer (Tech) &
 Member (Power)- PTCC

Copy to:

1. The Divisional Engineer (Telecom), PTCC Southern Region, Raj Bhavan Telephone Exchange First Floor, No. 26, Sardar Patel Road, Guindy, Chennai- 600 032.
2. The Sub Divisional Engineer (PTCC), E5, BSNL Quarters, Behind Telephone Exchange, Manacaud, Trivandrum 695 009.

SOUTH CENTRAL BANGALURU

Sl. No.	Details of affected Block & Telecom	In km Length of	In Online Condition	In Amps	Area in HA
1	220KV DC line from 220KV SS Pothencode - 220KV SS Kattakkada				
2	220KV MC line from 400KV SS (PGCIL) Mannukad - 220KV SS Kanjikkode				

Total Length : 30000 Online-on
 Area : 0.12 km
 Amp : 100-0000
 ANNEXURE - I

Agenda points from PGCIL, WR-II, Vadodara for the 101th
Central PTCC Meeting to be held on 09.10.2015 at New-Delhi.

1. Mauda Stage-II (2x660MW) project ID-219 transmission system

(A) 400kV D/C (Quad) Mauda-II to Betul Tr. Line

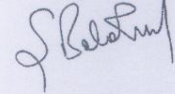
(BSNL Case No. MP-667 CEA CASE NO.MP-405)

1. PTCC Case submitted vide letter dt. 06/05/2014 to SDE-PTCC-Bhopal, DET-PTCC-Mumbai and Central Railway-Mumbai for marking of Railway and BSNL details.
2. After constant follow-up with SDE-PTCC-Bhopal, BSNL telecom details submitted to DET-PTCC-Mumbai in April-2015. DET-PTCC-Mumbai requested for onward submission of PTCC case to Director-PTCC-CEA-New Delhi towards calculation of Induced Voltage. To be expedited for onward submission from the office of DET-PTCC-Mumbai.
3. Central Railway S&T branch forwarded signal & telecom details on dated 27.05.14 to Director-CEA-New Delhi.
4. The subject transmission line is Generation Linked Scheme directly connected with Mauda#2(NTPC) and the line is likely to be commissioned by Dec-2015 for evacuation of NTPC Power to the states of Maharashtra, Madhya Pradesh. **Matter most critical.**

2. 800kV HVDC Bipole Champa-Kurukshetra WR-NR Interconnector (WR-II Portion) :

BSNL Case (Bhopal) No. MP-662 & DET-PTCC (Mumbai) CASE NO.MP-397

1. Marking of BSNL details done and DET-PTCC vide letter dt. 03/09/15 has forwarded the Madhya Pradesh portion details to Director-PTCC-CEA-New Delhi for Induced Voltage Calculations.
2. Vide letter dated 18/12/14, WCR – Jabalpur forwarded the signal & telecom details to Director PTCC New-Delhi. Submission of railway & telecom details from SECR- Bilsapur is not received till date, even after repeated follow-up.
3. Vide letter dtd. 20.04.15, Director (PTCC)-CEA-New Delhi has directed to all concerned that as per the recent guidelines finalized in 99th & 100th Central PTCC Meeting, IV Calculations computations are not required in DC System.
4. Accordingly, POWERGRID has taken up the matter with DET-PTCC-Mumbai for the past two months. DET-PTCC-Mumbai has insisting for giving an undertaking and the same was submitted. However the undertaking letter content is not satisfactory and Director-PTCC-CEA-New Delhi vide letter dt.



04/09/15 has again informed to DET-PTCC-Mumbai towards early finalization of the undertaking. Central PTCC may finalize the undertaking required to be given from POWERGRID such that PTCC approval can be obtained as per the recent guidelines.

5. The subject transmission line is Generation Linked Scheme directly connected with IPTC Generation Projects and the line is likely to be commissioned by Dec-2015. PTCC Case route approval is requested to all concerned for approval. **Matter most critical.**

3. KAPP STAGE#3&4 TRANSMISSION SYSTEM :

(A) 400kV D/C KAPP – Navsari Tr. Line

1. Director PTCC New-Delhi forwarded the I.V. calculation details to WR- Mumbai & DET-PTCC Mumbai vide letter dated 13.08.15.
2. NOC from Western Railway – Mumbai is awaited. Request letter dt. 15/09/15 has again made to Western Railway-Mumbai for early issuance of NOC such that PTCC route approval can be made available from the office of DET-PTCC-Mumbai.

4. KAPP STAGE#3&4 TRANSMISSION SYSTEM :

(B) 400kV D/C KAPP – VAPI Tr. Line

1. PTCC route approval for the above line is required from the office of DET-PTCC-Mumbai, as all details are available.

5. 220 kV D/C Ringanwada-Magarwada Tr. Line :

1. PTCC case submitted to all concern authority vide letter dated 13.07.15.

S. Balaram



दिल्ली मेट्रो रेल कॉर्पोरेशन लि०

DELHI METRO RAIL CORPORATION LTD.

Annex-XVII

(भारत सरकार एवं दिल्ली सरकार का संयुक्त उपक्रम)
(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)

No: DMRC/S&T/Tele/PTCC/meeting/2015

Date: 15-09-2015

To

Director (PTCC)
NRPC Complex, 18-A, Shaheed Jeet Singh Marg,
Katwaria Sarai, New Delhi-110016.

Sub: Agenda points for next (101st) CLPTCC meeting.
Ref: CE/PTCC letter no: CEA/PCD/2015-PTCC dated 4th Sept 2015.

Sir,

In reference to above letter, DMRC is submitting the following points for inclusion in Agenda for the next CLPTCC meeting to be held on 9th Oct 2015 at Conference Hall (2nd Floor), NRPC Complex, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New delhi.

1. Calculation of Induced Voltages :

DMRC has trained officers for the calculation of Induced voltages. DMRC desires that it should be authorized for IV calculation of DMRC's cases pertaining to route approval & clearance

2. PTCC clearance for underground section (Tunnel):

For Underground section of DMRC, since Tunnel is isolated with concrete structure shielded and ground at regular intervals, there is no chance of any effect of induced voltages on Telecom cables. In such cases PTCC route approval and clearance should not be mandatory.

3. Pending Cases of DMRC:

3.1 Phase-3: Cases of 33 KV UNDERGROUND CABLE

S.No	Case no	Section	Date of Commissioning	Received at MTNL
1	DMRC/S&T/Tele/PTCC/L-8/15 dated 19-03-2015	Janakpuri-Kalkaji (U/G)	Nov-2015	20-03-15
2	DMRC/S&T/Tele/PTCC/L-7/15 dated 23-03-2015	Bhikaji Kama Place-H Nizamuddin (U/G)	Nov-2015	25-03-15
3	DMRC/S&T/Tele/PTCC/L-7/15 dated 23-03-2015	Azadpur-Netaji Subhash Place (U/G)	Nov-2015	25-03-15
4	DMRC/S&T/Tele/PTCC/L-7/15 dated 23-03-2015	Nazafgarh Ramp-Nazafgarh Station(U/G)	Nov-2016	25-03-15
5	DMRC/S&T/Mandi House-ITO/PTCC/2014 dated 06-	Mandi House-ITO	Section has been operational for public since	

(मेट्रो भवन, फायर ब्रिगेड लेन, बाराखम्बा रोड़, नई दिल्ली-110001)

Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

	08.2014		08.06.2015. Provisional clearance with validity of two months each issued. Last clearance issued valid up to 30-09-2015. Permanent clearance is awaited.
6	DMRC/S&T/Tele/PTCC/ITO-K.Gate/15 dated 10-04-2015	ITO-K.Gate	Nov-2015 24-03.15
7	DMRC/S&T/Tele/PTCC/L-7/15 dated 29-06-2015	Mukundpur dead end-Shiv Vihar dead end including Mukundpur depot & Vinod Nagar Depot and 25 KV cable from RSS at Mukundpur, Dhaula Kuaon, Vinod Nagar & Yamuna Vihar to corresponding ASS's.	Aug-2015 29.06.15

3.2 Phase-3: Cases of RSS

S.No	Case no	Section	Date of Commisioning	Received at MTNL/BSNL
1	DMRC/S&T/Tele/PTCC/L-7/15 dated 06.07.2015	DTL Substation vasant Kunj to DTL Substation RK Puram	Jul-2015	06.07.15
2	DMRC/S&T/Badarpur-YMCA / PTCC/2015/2 dated 14-01-2015	HVPNL Substation, Sec-46, Faridabad to DMRC's RSS, Faridabad.	Jan-2015	06.07.15

3.3 Phase-2: Cases of RSS (66 KV UNDERGROUND CABLE)

S.No	Description of pending cases	Sent for MTNL detail	Detail received from MTNL/BSNL	Remarks
1	PTCC route approval and clearance for charging 66 KV U/G 3- Phase single circuit EHV cable from 220 KV DTL Sub-station at Mundka to DMRC's RSS at Mundka.	04-04-09	-----	Pending due to cable detail not received from MTNL & IV calculation.
2	PTCC route approval and clearance for charging 66 KV U/G 3- Phase single circuit EHV cable from 220 KV DTL Sub-station at Kanjkawala to DMRC's RSS at Mundka.	08-04-09	-----	Pending due to cable detail not received from MTNL & IV calculation.
3	PTCC route approval and clearance for charging 66 KV U/G 3- Phase single circuit EHV cable from Sarita Vihar Grid Sub-station to DMRC's RSS at Sarita Vihar.	08-07-10	-----	Pending due to cable detail not received from MTNL & IV calculation.
4	PTCC route approval and clearance for charging 66 KV U/G 3- Phase double circuit EHV cable from Park Street DTL Grid Sub-station to DMRC's RSS at Central Secretariat.	10-08-10	-----	Pending due to cable detail not received from MTNL & IV calculation.

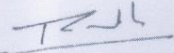
TSJL

5	PTCC route approval and clearance for charging 66 KV from 220 KV DTL Sub Station at Mehrauli to DMRC's RSS at Ambedkar Colony and to Temp RSS at Chattarpur.	13-10-10	-----	Pending due to cable detail not received from MTNL & IV calculation.
6	PTCC route approval and clearance for charging 25/33 KV U/G cables for link between Palk street TSS / AMS and Central Secretariat Metro station.	20-05-11	-----	Pending due to cable detail not received from MTNL & IV calculation.
7	PTCC route approval and clearance for charging of 132 KV U/G cables from UPPCL Sub-station Sector-45, Noida to DMRC RSS's, Bot Garden.	22-06-2009	-----	Pending due to cable detail not received from BSNL & IV calculation.
8	PTCC route approval and clearance for charging of 33/25 KV U/G cables from DMRC RSS's, Jahangirpuri to Jahangirpuri station.	12-03-2009	-----	Pending due to cable detail not received from BSNL & IV calculation.

DMRC cases for PTCC route approval and clearance are pending since 2009 for cable details from MTNL/BSNL. Pending cases were discussed in SLPTCC meeting held in Mar 2014 & Aug 2015. As per decision in SLPTCC meeting pending cases of Phase-2 are again submitted to MTNL/BSNL for giving cable details. It is requested that time frame of two months as per PTCC manual must be strictly adhered. If cable details are not submitted within this period of two months it should be assumed that no Telecom network of MTNL/BSNL/Railway exist in the vicinity of proposed Power lines and in such cases DE/PTCC should be authorized to issue route approval & clearance to avoid any delay in Project.

Once again it is requested to include the above points for discussion in next CLPTCC meeting.

Thanking you.


 (RANJIT KUMAR)
 Deputy General Manager/Tele



PUNJAB STATE TRANSMISSION CORPORATION LIMITED,
 Regd. Office: PSEB Head Office, The Mall, Patiala-147001
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 3rd Floor, Shakti Sadan, Patiala-147001

Telephone: 0175-2303876 e.mail ce-tl@pstcl.org FAX 0175-2301536 2207774

Fax No - 011-26859952
 011-26565183

To

The Director (PTCC),
 Central Electricity Authority,
 Load Despatch & Telecommunication Division,
 NREB Complex, 18-A,
 Shaheed Jeet Singh Sansanwal Marg,
 Katwaria Sarai, New Delhi-110016.

Memo No. 1294 /DT-6201/Vol-XIII

Dated: 21/9/15

Subject: Agenda for 101st Central PTCC meeting to be held at Delhi on 09.10.2015.

Please refer to your office memo no. CEA/PCD/2015-PTCC dt. 04.09.2015 on the subject cited above.

In this regard, it is intimated that the following routes are pending for want of PTCC route approval as on 23.09.2015 which may kindly be discussed as part of Agenda items for early clearance.

1. PTCC Cases pending for BSNL Clearance

Sr. No.	Name of Transmission Line	Pending Since	Concerned DET offices
1.	PTCC case of 220KV DC line on DC Towers from Bottianwala-Mastewala. (L-662)	24.05.2011	Ferozepur
2.	PTCC case of 220KV BTI-Malcut Line LILO for Badal. (L-663)	24.5.2011	Mukatsar
3.	PTCC case of 220KV DC line on DC Towers from Bahadurgarh to Devigarh. (L-667)	8.7.2011	Patiala
4.	PTCC case of 220KV Bhalwan-Nabha S/Ckt. on D/Ckt. Tower line (L-679)	27.7.2012	Sangrur & Patiala
5.	PTCC case of LILO of One Ckt. of 220KV Patran-Sunam at Bangan (L-680)	6.8.2012	Sangrur
6.	PTCC Case of 220KV D/C GHTP Lehra-Mohabbat- Mansa LILO for Dhanula Transmission line. (L-684).	04.10.2012	Bathinda
7.	PTCC Case of 220KV D/C GHTP Lehra-Mohabbat- Mansa LILO for Taiwandi sabo Transmission line. (L-685).	04.10.2012	Bathinda & Mansa
8.	200KV line from Mukatsar Bazakhana line for Mukatsar (Sandhwan). (L-687)	22.10.2012	Fandkot
9.	PTCC case 220KV DC line from Mukatsar-Kotakpura (Sandhwan) (L-688)	22.10.2012	Faridkot
10.	PTCC Case of 220KV Dhuri-Bhalwan Loop out D/C on D/C Tower Line (L-691).	29.01.2013	Sangrur
11.	PTCC Case of 220KV Line from 400KV S/Stn. Dhuri (Bhalwan) to Bangan D/C on D/C Tower Line (L-698).	08.03.2013	Sangrur
12.	PTCC Case of 220 KV S/C line on D/C Towers from 400 KV S/Stn. Ludhiana - Doraha (L- 700).	09.05.2013	---
13.	PTCC Case of 220KV D/C line on D/C Towers from 220KV Sub-Station Bagha Purana to Baza Khana (L-702).	27.06.2013	Ludhiana
14.	PTCC Case for route approval of 220KV Makhu to Rashiana D/C line. (L-703).	10.09.2013	Ferozepur & Amritsar
15.	PTCC Case of LILO of 220KVGHTP-Mansa at 220KV Dhanaula (L-704)	10.10.2013	Barnala
16.	PTCC Case for route approval of 220KV Nakodar-Nurmehal D/C Line. (L-706)	7.10.2013	Jalandhar

17	PTCC Case of 66KV SC on DC Madhir-Kot Bhai Transmission line.(L-707).	21.06.11	Ferozepur, Muktsar
18	PTCC Case for route approval of 220KV Nakodar-Kartarpur D/C Line (L-708).	31.01.2014	Jalandhar
19	PTCC case for route approval of 220KV D/C Transmission line from 400KV S/S Nakodar to 220KV S/S Rehana Jattan (L-712).	16.06.2014	Kapurthala & Jalandhar
20	PTCC Case for route approval of 220KV D/C Transmission Line from 400KV S/S Makhu to 220KV S/S Algon (L-713).	08.07.2014	Ferozepur & Jalandhar
21	PTCC Case for route approval of Loop-in & Loop-Out of both Ckts. of 220KV Malerkotla-Pakhawal & Malerkotla-Barnala at 220KV S/Stn. Sandhaur (L-714).	28.08.2014	Ludhiana
22	PTCC Case for route approval of LILO of 220KV Moga-Jagraon line at Himmatpura (L-715).	02.09.2014	Ludhiana
23	PTCC Case for route approval of 220KV Talwandi Bhai-Dharamkot DC on DC Tower line (L-716).	19.9.2014	Ferozepur
24	PTCC Case for route approval of LILO of 220KV Sunam-Mansa at Jhunir DC on DC Tower line (L-717).	19.9.2014	Mansa
25	PTCC Case for route approval of 220KV S/C Transmission line from 400KV S/S Balachak to 220KV S/S Nariangarh (L-718)	24.12.2014	Amritsar
26	PTCC Case for route approval of 220 KV D/Ckt. Line from 220 KV S/Stn. Kanjli to 220 KV S/Stn. Science City (L-719).	27.01.2015	Kapurthala
27	PTCC case for route approval of LILO of both ckts. of 220 KV Patiala- Gobindgarh line at 400 KV S/S Rajpura (Loop in & Loop Out) (L-721).	08.06.2015	Patiala & Rajpura
28	PTCC case for route approval of LILO of 220 KV Nakodar-Rehana Jattan at 220 KV S/S Hoshiarpur Line.(L-722).	27.7.2015	Hoshiarpur & Kapurthala

2. PTCC Cases Pending for Railway Clearance

Sr. No.	Name of Transmission Line	Pending Since
1.	PTCC case of 220KV DC line on DC Towers from Bottianwala-Mastewala (L-662)	24.05.2011
2.	PTCC Case 66KV line from 220KV S/Stn. Mehalkalan to 66KV S/Stn. Thikriwal line.(L-682)	25.09.2012
3.	PTCC Case of 220KV D/C GHTP Lehra-Mohabbat- Mansa LILO for Dhanua Transmission line. (L-684)	4.10.2012
4.	PTCC Case 200KV line from Mukatsar Bazakhana line for Mukatsar (Sandhwan). (L-687)	22.10.2012
5.	PTCC Case of 220KV Line from 400KV S/Stn. Dhuri (Bhalwan) to Bangan D/C on D/C Tower Line (L-698).	08.03.2013
6.	PTCC Case for route approval of 220KV Nakodar-Kartarpur D/C Line (L-708).	31.01.2014
7.	PTCC Case for route approval of 220KV D/C Transmission Line from 400KV S/S Makhu to 220KV S/S Algon (L-713)	08.07.2014
8.	PTCC Case for route approval of Loop-in & Loop-Out of both Ckts. Of 220KV Malerkotla-Pakhawal & Malerkotla-Barnala at 220KV S/Stn. Sandhaur (L-714).	28.08.2014
9.	PTCC Case for route approval of 220KV Talwandi Bhai-Dharamkot DC on DC Tower line (L-716).	19.9.2014
10.	PTCC Case for route approval of 220KV S/C Transmission line from 400KV S/S Balachak to 220KV S/S Nariangarh. (L-718)	24.12.2014
11.	PTCC Case for route approval of 220 KV D/Ckt. Line from 220 KV S/Stn. Kanjli to 220 KV S/Stn. Science City(L-719).	27.01.2015
12.	PTCC case for route approval of LILO of both ckts. of 220 KV Patiala- Gobindgarh line at 400 KV S/S Rajpura (Loop in & Loop Out) (L-721).	08.06.2015
13.	PTCC case for route approval of LILO of 220 KV Nakodar-Rehana Jattan at 220 KV S/S Hoshiarpur Line. (L-722)	27.7.2015

3. PTCC Cases pending with DET/PTCC, New Delhi for route approval

Sr. No.	Name of Transmission Line
1	PTCC case of 220KV D/C Line on D/C towers from Bahadurgarh to Devigarh (L-667, PNB 276).
2	PTCC Case of 220KV Dhuri-Bhalwan Loop out D/C on D/C Tower Line (L-691, PNB 297).
3	PTCC Case of 220KV Line from 400KV S/Stn. Dhuri (Bhalwan) to Bangan D/C on D/C Tower Line (L-698, PNB 300).
4	PTCC case of 220KV S/C line on D/C towers from 400KV S/Stn. Ludhiana to Doraha (L-700, PNB 309).

This is for information and further necessary action please.

Kuro 21/9/15
Sr.XEN/T&S-IV,
for CE/TS, PSTCL, Patiala

CC: *1295*
21/9/15
1. The DET/PTCC, *एगल-011-2 371 3217*
Northern Zone, Room No. 469,
Kidwai Bhawan, 4th Floor, Janpath,
New Delhi

2. The SDE/ (PTCC), (Telecom),
Inspection (T&D) Circle, BSNL,
CTO Complex, Adj. GPO Compound,
Ambala Cantt-133001

For Information and
further necessary action
please

