

Compliance of 100<sup>th</sup> CLPTCC meeting received from DEs (PTCC) of Inspection & QA Circle:

No.	Item	North Zone	South zone	West Zone	East zone	Remark
<b>B.1</b>	Ensuring 'Zero Level' on unguarded power crossings	No new case reported.  Annex-I	No UGPC" in Southern Zone.  Annex-II	No such case of unguarded power crossing have been pending  Annex-III	From the Telecom Circles of Eastern zone for a long period no report is received though verbally informed by WB circle that there is no such any case. Annex-IV	
B.2 <b>B.2.1</b>	Computerization of PTCC Route Approval Process:	Work is being under taken by ITPC wing BSNL. Ref. letter No. CEA/PDC/100 CLPTCC /1346 dated 28/08/2015 by CEA ND. DE (PTCC) Mumbai Details at Annex –III/1/1 DE (PTCC), Chennai:- User Profile data in r/o CEA/New Delhi and one nodal Officer from each of the SEBs of Southern Region already received in this office. The same have been forwarded to ITPC Hyderabad. It has to be confirmed from ITPC whether , such nodal officer so created will have the rights to create users under their control. Annex-II/4-1				
<b>B.2.2</b>	Collection of Legacy Data for Computerization of PTCC Route Approval Process	No comments	No comments	Digitalization as per Para mentioned herein above B.2.1 will lead to digitalization .So further collecting data will not yield positive result. Instead we should concentrate on process of RAC digitalization.  III/5	No comments	
B.3	Closed					
B.4 <b>(B.3)</b>	Arranging of SLPTCC Meetings at regular intervals.	As per MOM DE(PTCC),NZ regularly followed up with all concerned for arranging the SLPTCC meeting at regular intervals and issued the instructions to all SDEs(PTCC) of NZ to follow the procedure of organization of SLPTCC. Ref. letter No. CEA/PDC 100	Instructions being followed.	Meetings are conducted regularly in Western Zone. Details are furnished herewith (1) CG at Raipur on 23/04/2015 (2) CG at Raipur on 28/07/2015 (3) Gujarat at Vadodara on 28/08/2015 (4) M P at Bhopal 25/06/2015 (5) M H at Aurangabad on	Several time, since the last three years, it was pursued repeatedly to all Telecom Circle and State Power authorities of eastern zone for conducting SLPTCC meeting, but no action has been taken any Telecom Circle in Eastern zone.	

Compliance of 100<sup>th</sup> CLPTCC meeting received from DEs (PTCC) of Inspection & QA Circle:

		CLPTCC/1177 dated 07/08/2015, CEA ND		22/06/2015. Ref. letter No. CEA/PDC 100 CLPTCC/1177 dated 07/08/2015, CEA ND Details submitted enclosed at Annex-III/1		
		Annex-I/2	Annex-II		Annex-IV	
B.5 <b>(B.4)</b>	Nomination of members from DISCOMs for SLPTCC meetings:	The decision is being followed. All the DISCOMs of that area were invited for SLPTCC meetings and their participation is hereby acknowledged in Dehli, J&K, HP, uttarakhand circles. For rest Circles, the SLPTCC meeting is yet to be arranged.	Instructions being followed	DISCOMs are included prior to 100 <sup>th</sup> CLPTCC meeting & now DISCOMs executives from West Zone are regularly attending SLPTCC meeting. However some perusal is required from concerned SDE (PTCC) pertaining to concerned territorial circle viz Gujarat, Chhatisgarh, Madhya Pradesh and Maharashtra. Ref. letter No. CEA/PDC/100CLPTCC/1170 dated 07/08/2015 from CEA ND. Details submitted enclosed at Annex-III/1/2	Only 2 nominations were received from DISCOM- DVC,Kolkata and Power Grid,NE zone,Shillong in the year of 2012 and after that, though several times, it was pursued to all power authorities in eastern zone no any member has yet been nominated.	
		Annex-I/1	Annex-II		Annex-IV	
B.6 <b>(B.5)</b>	Non submission of PTCC proposal of SLPTCC/CLPTCC by PTUCL (i) Charged CLPTCC Cases without PTCC route approval	Total 13 lines (9 Kumaun Zone & 4 Garhwal Zone) were charged before PTCC approval. As per decision taken in 21st SLPTCC of Uttarkhand Circle held on 19.06.2015, The details of all these cases were	Not pertaining to Southern Zone	PTCC approval are regularly obtained prior to charging of power line as far as West Zone is concerned	No comments	

Compliance of 100<sup>th</sup> CLPTCC meeting received from DEs (PTCC) of Inspection & QA Circle:

	(ii) other cases of non-submission of PTCC proposals	submitted to concerned nominated officer of Uttarkhand Telecom Circle, BSNL for making of Telecom details and there after the same will be forwarded to DE(PTCC) ND for further action. Ref. No.CEA/PDC/100 CLPTCC/1170 dated 07/08/2015 reply submitted Annex-I/3  HP, UP, Haryana state are not submitting the PTCC proposals even after several effort of CEA. Also, in SLPTCC meeting of Delhi it was known that apart from DMRC & DTL, no DISCOM is submitting PTCC proposal. Annex-I/1	Annex-II	Annex-III		
B.7		Closed				
C.1 <b>(B.6)</b>	(a) Conversion of portion of existing O/H power line into U/G cable	No Comments	Instructions dated 07-08-2015 received from CEA/New Delhi circulated to all concerned power authorities of South Zone Annex-II	“NOTED” & intimated to all divisions	No information	
<b>(B.7)</b>	(b) Cases GD tube protection is required for	NA	Committee already formed. Meeting is	NA	NA	

Compliance of 100<sup>th</sup> CLPTCC meeting received from DEs (PTCC) of Inspection & QA Circle:

	affected Telecom cable.		proposed on 29 <sup>th</sup> Sep 2015 regarding provision of GD Tubes on Telecom U/G cable Network Annex-V			
C.2.5	Agenda received from PGCIL Bangalore	NA	as per Annex-II/1	Some portion of case at Sr.No.10 pertains to Maharashtra state - (10)765KV D/C Kudgi (New) – Kolhapur (New) - Telecom detail for Maharashtra portion sent vide letter no. IC/MBI/PTCC/MRA -2247 Date 20.04.15 to CEA for IV calculation.	NA	
C.2.6 <b>(B.8)</b>	Agenda from Kerala SEBs regarding clearance of the following EHT lines	NA	NA	DE (PTCC) Chennai: For item under Sl.No2 , instructions dated 18-08-2015 received from CEA/New Delhi circulated to all SEBs of South Zone. KSEB to act accordingly Annex-II	NA	
A.1 <b>(B.9)</b>	Nomination of Member (POWER) from APTRANSCO and TSTRANSCO:	NA	No communication in this regard has been received from TSTRANSCO so far. Annex-II/4-4	Action awaited from CEA/New Delhi	NA	
A.4	Deputy Chief engineer (Tech) KSEB: Issue of Revised Route Approval certificate	NA	NA	Refer remarks under item C.2.6	NA	
A.5	Deputy Chief Engineer	NA	NA	Item no. (3) RAC issued on 03-08-	NA	

Compliance of 100<sup>th</sup> CLPTCC meeting received from DEs (PTCC) of Inspection & QA Circle:

	(Tech) & Member (Power)- PTCC KSEB			2015		
A.7 <b>(B.10)</b>	Non submission of proposal/ telecommuni cation details from Defence to CEA:	No comments	No comments	No comments	No comments	
A.9(B)	EE (PTCC) RVPN JAIPUR	(1)For item (i) RAC Issued for the cases. (2) For item (ii) RAC issued for 3 cases, telecom details collected for 5 cases, telecom details collection is in process for 3 cases. (3) For item (iii) RAC issued for the cases.	Not pertaining to South Zone.	No comments	No comments	
A.10	Dy. C E (SPE) DVC Letter No. EDCON/SPM/ PTCC/357 Dated 20/04/15	NA	Not pertaining to South Zone.	NA	No information	
A.11	Addl. SE/T7S-IV for CE/TS, PSTCL, Patiala	Among 25 cases, telecom details got collected for 16 cases and for remaining cases, same is in progress and will be completed shortly.	Not pertaining to South Zone	NA	NA	
A.12	Agenda points given by APTRANSCO Hyderabad	NA	APTRANSCO has furnished all the details to CEA/New Delhi on 3 <sup>rd</sup> June 2015. Reply awaited from CEA/New Delhi	NA	NA	

Compliance of 100<sup>th</sup> CLPTCC meeting received from DEs (PTCC) of Inspection & QA Circle:

A.13	784- 220 KV DC line from 220 KV Hindupur to 220 KV SS at Pulivendula	NA	Revised IV for SW Rly circuits furnished by CEA/New Delhi on 14-07-2015. Clearance awaited from SW Rly/Hubli.	NA	NA	
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**New agenda 101<sup>st</sup> CLPTCC-1**

**New Agenda for 101<sup>st</sup> CLPTCC meeting**

**DE(PTCC) Chennai South Zone:-**

**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. to 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.

**Discuss in the meeting. Action to be taken by CEA.**

**New agenda - C-1**

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 in draft agenda of CEA Annex-XIII.

DE (PTCC) Mumbai West zone: Compliance enclosed at Annex-III/3

Sl.No.	Name of the power line	Date of reference	DET(PTCC) File No.	Pending for	Remark
a	220KV DCDS LILO line on Bhopal - Bina line for Ganjbasoda	02.08.14	404	RD from WCR	RD called from WCR on 13.08.14. As per MPPTCL letter WCR has sent RD to CEA on 10.10.14.Hence TD is being forwarded to CEA for IV calculation on 19.09.15
b	220KV DCDS LILO line on 220KV Narsinghpur -220KV Itarsi line for 220KV Chichli	16.01.15	417	NOC from WCR	NOC called from WCR on 28.08.15.
c	220 KV DCSS LILO line 220 KV Rewa - Bansagar (Tons) HPS line for 220 KV Sirmour s/s	18.05.15	424	TD from BSNL	TD from BSNL called on 24.06.15.After receipt of same , it will be forwarded to CEA for IV calculation within fortnight .

Abbrivations <b>TD</b> -Telecom detail from BSNL	<b>RD</b> -Railway Telecom detail from concerned railways		
IV-Induced Voltage calculation	<b>CR</b> - Central Railway,Mumbai		
	<b>WR</b> - Western Railway,Mumbai		



WCR- West Central Railway,Jabalpur		
NCR-North Central Railway,Allahabad		

**New agenda - C-2**

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

**DE (PTCC) Mumbai , West zone:-**

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 Ckt.No.I & II	01.03.14	2195	06.07.15	IV from CEA are awaited
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-	14.06.10	1797	15.09.13	IV from CEA are

	Panandhro ccts no 2				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

Compliance submitted by CEA in draft agenda as below:-

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.

C.3Agenda 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 in draft agenda of CEA 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.

DE(PTCC), Chennai- Guidelines received from CEA/New Delhi already forwarded to KSEB/Trivandrum. KSEB to act accordingly.

## New agenda - C-4

C.4 Agenda received from PGCIL, WR-II Varodara.

Copy enclosed in draft agenda of CEA at Annex-XVI.

DE (PTCC) Mumbai West zone: Compliance enclosed at Annex-III/4

1. Mauda stage-II(2X660MW) Project ID-219 Transmission system -

(A) 400kV D/C (Quad ) Mauda (II) - Betul transmission line. (DET PTCC Case no.MP-405)

Compliance from DET(PTCC),Mumbai – Railway detail has been called from CR on 05.09.14. As per PGCIL, Vadodara letter CR has sent RD to CEA on 27.05.14.Hence Telecom detail is being forwarded to CEA for IV calculation on 19.09.15.

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

(DET PTCC Case no.MP- 399)

Compliance from DET(PTCC),Mumbai - Railway detail has been called from SECR on 01.08.14.till date RD from SECR are awaited . AS per PGCIL request, DET(PTCC),Mumbai has forwarded Telecom detail to CEA on 03.09.15.

Undertaking will be finalized during the course of meeting at new Delhi under the guidelines of honorable Director(PTCC),CEA , New Delhi. Draft prepared by DET(PTCC), available for review.(Addition / deletion) .

3. KAPP STAGE#3&4 TRANSMISSION SYSTEM :

(A) 400kV D/C KAPP – Navsari Tr. Line (DET PTCC Case no. GUJ-2184)

Compliance from DET(PTCC),Mumbai - CEA, New Delhi has forwarded IV calculation to WR as well as to this office. NOC from WR & EPR detail from PGCIL are awaited.

4. KAPP STAGE#3&4 TRANSMISSION SYSTEM :

(B) 400kV D/C KAPP – VAPI Tr. Line (DET PTCC Case no. GUJ-2183)

Compliance from DET(PTCC),Mumbai - RAC has issued on 18.08.2015 from DET(PTCC),Mumbai office .

5. 220 kV D/C Ringanwada - Magarwada Tr. Line : (DET PTCC Case no.GUJ- 2256)

Compliance from DET(PTCC),Mumbai – PTCC proposal for said power line has been received to this office on 27.07.15 & same has been forwarded to BSNL, Ahmedabad office for submission of Telecom detail vide letter no. IC/MBI/PTCC/Guj-2256 date 27.07.2015.

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 (in draft agenda CEA of 101<sup>st</sup> CLPTCC).

Compliance submitted by DE (PTCC) ND point wise as under:

1. This may please be decided by CEA.
2. This may please be decided in CLPTCC meeting
3. The telecom details are yet be submitted by MTNL. The best efforts are being made for getting the complete telecom details for the PTCC proposal. In this regards this matter was taken up with higher officers of MTNL. Even a meeting was arranged with ED(MTNL)New Delhi for rapaid proposal o cases and he assured for necessary action at the earlist.

Annex - I TCC

O/o DE(PTCC),NZ  
 CTS Compound, Netaji Nagar,  
 New Delhi-110023  
 Phone-01124101329  
 Fax-01124673233



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

*Handwritten signature/initials*

PTCC/CLPTCC meeting/2015-16

Dated at ND the 16.09.2015

To,  
 The AGM (PTCC),  
 Inspection Circle, Jabalpur

Sub: Revised COMPLIANCE ON 100<sup>TH</sup> CLPTCC MEETING MINUTES

The compliance on the 100<sup>th</sup> CLPTCC minutes pertaining to this unit is as given below:

Sl.No in MoM	Agenda issue	Compliance
B1	Ensuring 'Zero Level' on unguarded power crossings	No new case reported.
B4	Arranging SLPTCC meetings at regular intervals	As per MOM DE(PTCC),NZ regularly followed up with all concerned for arranging the SLPTCC meeting at regular intervals and issued the instructions to all SDEs(PTCC) of NZ to follow the procedure of organization of SLPTCC.
B.5	Nomination of members from DISCOMs for SLPTCC meetings	The decision is being followed.
B.6	Non- submission of PTCC proposal of SLPTCC/CLPTCC by PTUCL	Total 13 lines (9 Kumaun Zone & 4 Garhwal Zone) were charged before PTCC approval.  As per decision taken in 21st SLPTCC of Uttarkhand Circle held on 19.06.2015, The details of all these cases were submitted to nodal incharge of Uttarkhand telecom circle for marking of telecom details. After proper marking of the details it will be forwarded to DE(PTCC), NZ.
A.9-B	Agenda of EE(PTCC) RVPN Jaipur	(i) RAC Issued for the cases. (ii) RAC issued for 3 cases, telecom details collected for 5 cases, telecom details collection is in process for 3 cases. (iii) RAC issued for the cases.
A11	Agenda from Addl.SE,PSTCL,Patiala	Among 25 cases, telecom details got collected for 16 cases and for remaining cases, same is in progress and will be completed shortly.
	No New Adenda for 101 <sup>st</sup> CLPTCC	

(A.K.Nagar)  
 DE(PTCC),NZ  
 New Delhi

Annex- I/1

O/o DE(PTCC),NZ  
 CTCS Compound, Netaji Nagar,  
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भारत संचार निगम लिमिटेड  
 भारत सरकार का उपक्रम  
 BHARAT SANCHAR NIGAM LIMITED  
 A Govt. of India Enterprise

No. PTCC/CLPTCC meeting/2015-16

Dated at ND the 19.09.2015

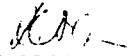
To,  
 The AGM (PTCC),  
 Inspection Circle, Jabalpur

Sub: Compliance of Agenda for 101<sup>st</sup> CLPTCC meeting received from CEA.

The compliance on the Agenda for 101<sup>st</sup> CLPTCC meeting received from CEA pertaining to this unit is as given below:

Sl.No in MoM	Agenda issue	Compliance
A	Confirmation of Minutes of last meetings	Minutes are hereby confirmed.
B3	Regarding SLPTCC Meetings	The reply of the letter from The Director (PTCC), CEA (enclosed as Annexure-II) was provided by Letter No. PTCC/CLPTCC meeting/2015-16 dated 18.9.2015 with copy to you.(Copy enclosed as Annexure-A)
B4	Nomination of members from DISCOMs for SLPTCC meetings	The decision of last meeting is being followed. All the DISCOMs of that area were invited for SLPTCC meetings and their participation is hereby acknowledged in Delhi, J&K,HP, Uttarakhand circles. For rest circles, the SLPTCC meeting is yet to be arranged.
B5(i)	Non- submission of PTCC proposal of SLPTCC/CLPTCC by PTUCL	Total 13 lines (9 Kumaun Zone & 4 Garhwal Zone) were charged before PTCC approval.  As per decision taken in 21st SLPTCC of Uttarkhand Circle held on 19.06.2015, The details of all these cases were submitted to concerned nominated officer of Uttarkhand telecom circle, BSNL for marking of telecom details and thereafter the same will be forwarded to the undersigned for further action. The reply of the letter from The Director (PTCC), CEA (enclosed as Annexure-IV) was provided by Letter No. PTCC/CLPTCC meeting/2015-16 dated 18.9.2015 with copy to you.(Copy enclosed as Annexure-B)
B5(ii)	Other cases of non-submission of PTCC Proposals	HP, UP, Haryana states are not submitting the PTCC proposals even after several efforts of CEA.  Also, In SLPTCC meeting of Delhi it was known that

	apart from DMRC & DTL, no DISCOM is submitting PTCC proposal
Agenda received from DMRC (Delhi Metro Rail Corporation Limited)	Point wise reply is as under; <ol style="list-style-type: none"><li>1. This may please be decided by CEA.</li><li>2. This may please be decided in CLPTCC meeting.</li><li>3. The telecom details are yet be submitted by MTNL. The best efforts are being made for getting the complete telecom details for the PTCC proposal. In this regards this matter was taken up with higher officers of MTNL. Even a meeting was arranged with The ED (MTNL), New Delhi for rapid disposal of the cases and he assured for necessary action at the earliest.</li></ol>

  
(A.K.Nagar)  
DE(PTCC),NZ  
New Delhi



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

No. PTCC/CLPTCC meeting/2015-16/

Dated at ND the 18.09.2015

To,  
The Director (PTCC)  
CEA, New Delhi.

Sub: Follow-up action on MOM of 100<sup>th</sup> CLPTCC on ITEM No. B6, regarding Arranging SLPTCC meetings at regular interval.


Ref: Your Letter No. CA/PCD/100 CLPTCC/1177 dated 07.8.2015.

Sir,

In respect of the subject cited above, it is submitted that as decided in 100<sup>th</sup> CLPTCC meeting this office regularly followed up with all concerned for arranging the SLPTCC meeting at regular intervals and also issued the instructions to all SDEs (PTCC) of NZ to follow the procedure of organization of SLPTCC.

During this FY i.e. 2015-16 SLPTCC was conducted once in J&K, Himachal, Uttarakhand, Delhi and Next SLPTCC meeting of Rajasthan Circle is scheduled to be held on 5<sup>th</sup> of October 2015. However the SLPTCC meeting in UP(West), UP(East), Haryana circles could not be arranged even after several efforts.

This is for your kind information and necessary action please.

  
(A.K.Nagar)  
DE(PTCC),NZ  
New Delhi.

Copy to:

1. AGM(PTCC), Inspection Circle, Jabalpur.

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

No. PTCC/CLPTCC meeting/2015-16

Dated at ND the 18.09.2015

To,  
The Director (PTCC)  
CEA, New Delhi.

Sub: Follow-up action on MOM of 100<sup>th</sup> CLPTCC on ITEM No. B4, regarding charged PTCC cases without PTCC route approval by PTCUL.


Ref: Your Letter No. CA/PCD/100 CLPTCC/1172 dated 07.8.2015.

R/Sir,

In respect of the subject cited above, it is submitted that as decided in 100<sup>th</sup> CLPTCC meeting this office followed up with PTCUL officers and same was taken up in SLPTCC meeting held on 19.6.2015 at Dehradun and decided by the committee that the details of all these cases would be submitted to concerned nominated officer of Uttarkhand telecom circle, BSNL for marking of telecom details and thereafter the same will be forwarded to the undersigned for further action.

In this regards it is further submitted that as per telephonic confirmation from PTCUL officers, 10 out of 13 cases are submitted to Uttarakhand Telecom Circle, BSNL and rest cases will be submitted shortly

This is for your kind information and necessary action please.

  
(A.K.Nagar)  
DE(PTCC),NZ  
New Delhi.

Copy to:  
1. AGM(PTCC), Inspection Circle, Jabalpur.

Compliance for the 100 <sup>th</sup> CLPTCC meeting - South Zone, Chennai		
Item No	Description	Remarks
B.1	Ensuring "Zero level on u/g power crossings	"No UGPC" in Southern Zone
B.2.1	Computerisation of PTCC Route Approval Process	Work is being undertaken by ITPC wing.
B.2.2	Collection of Legacy data for computerisation of PTCC Route Approval process.	No comments
B.4	Arranging of SLPTCC meetings at regular intervals	Instructions being followed
B.5	Nomination of members from DISCOMs for SLPTCC meetings	Instructions being followed
B.6	Non submission of PTCC proposal of SLPTCC/CLPTCC by PTUCL	Not pertaining to Southern Zone
C.1(a)	Conversion of portion of existing O/H power line into u/g cables.	Instructions dated 07-08-2015 received from CEA/New Delhi circulated to all concerned power authorities of South Zone
C.1 (b)		Committee already formed. Meeting is proposed on 29 <sup>th</sup> Sep 2015 regarding provision of GD Tubes on Telecom U/G cable Network
C.2.5	Agenda received from PGCIL/Bangalore regarding clearance of EHT power lines	Separate sheet attached
C.2.6(2)	Agenda from Kerala SEB reg clearance of EHT	For item under Sl.No2 , instructions dated 18-08-2015 received from CEA/New Delhi circulated to all SEBs of South Zone. KSEB to act accordingly.
A.1	Nomination of Member (Power) from APTRANSCO and TSTRANSCO	Action awaited from CEA/New Delhi
A.4	Revised RAC for 220 KV MC line from 400 KV SS Mannukode to 220 KV SS Kanjikode	Refer remarks under item C.2.6(2)
A.5 (3)	220 ug cable from BrahmapuramSS to Infopark PH-II	RAC issued on 03-08-2015
A.7	Non submission of proposal/telecom details from Defence to CEA	No comments
A.9(B)/A.10/A.11	PTCC cases of EHT power lines	Not pertaining to South Zone
A.12	Route Approval Certificate for 220 KV DC line from 400 KV SSManubolu to existing 220/132 KV SS at Sullurpeta	APTRANSCO has furnished all the details to CEA/New Delhi on 3 <sup>rd</sup> June 2015. Reply awaited from CEA/New Delhi
A.13	220 KV DC HindupurPulivendula	Revised IV for SW Rly circuits furnished by CEA/New Delhi on 14-07-2015. Clearance awaited from SW RLY/Hubli.

New Agenda for 101<sup>st</sup> CLPTCC meeting.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. to 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.

# Annex-II/1

## Compliance for item C.2.5

Sl. No	Name of the line	Comments by DE PTCC Chennai
1	LILO of both circuits of Tuticorin-Madurai QUAD 400 KV DC at Tuticorin PS	TN-1683. RAC ISSUED BY DE PTCC CHENNAI ON 03-2014. ACTION PENDING WITH TELECOM CIRCLE.
2a	765 KV Tuticorin PS-Salem PS TL - Part-1 (initially charged at 400 KV)	TN-1659. RAC ISSUED BY DE PTCC CHENNAI ON 02-2014.
2b	765 KV Tuticorin PS-Salem PS TL - Part-II (initially charged at 400 KV)	
3	400 KV DC Quad Salem New-Somanahalli TL	TN-1657. RAC ISSUED BY DE PTCC CHENNAI ON 29-04-2014. ACTION PENDING WITH TELECOM CIRCLE.
4	Salem-Dharmapuri 400 KV Quad	TN-1655. RAC ISSUED BY DE PTCC CHENNAI ON 01-03-2014. ACTION TO BE TAKEN BY DHARMAPURI BSNL FOR ENERGISATION OF THE LINE. S. RLY HAS INTIMATED COMPLETION OF PROTECTION WORKS ON 08-08-2014. AGM CAO HAS INTIMATED ABOUT THE PAYMENT OF DEMAND NOTE AMOUNT TO GMT SALEM. NO ACTION FROM BSNL END
5	765 KV Salem Pooling Station-Madhugiri pooling station initially charged at 400KV	KNK-2751; RAC issued on 13/02/15.
6	400 KV DC Madhigiri-Yelahanka line	KNK-2784. BSNL TD submitted to CEA/New Delhi on 08/05/2015. Railway details awaited.
7	LILO of Neyveli-Trichy 400 KV SC line at Nagappattinam Pooling station	TN-1684. RAC ISSUED BY DE PTCC ON 19-03-2014. ACTION PENDING WITH TELECOM CIRCLE.
8	LILO of 2nd circuit Neyveli-Trichy 400 KV SC line at Nagappattinam Pooling station	TN-1706. RAC issued on 22/05/2015
9	400 KV DC Narendra (GIS)-Kudgi (New ) TL	KNK-2909 RAC issued on 21-07-2015
10	765 KV DC Kudgi (New)-Kolhapur (New) TL	KNK 2889. RAC issued on 08/05/2015.

**BHARAT SANCHAR NIGAM LIMITED**  
**( A Govt . of India Enterprise )**  
**INSPECTION & QA CIRCLE**  
**Office of the DIVISIONAL Engineer Telecom (PTCC)**  
**Raj Bhavan Telephone Exchange, I Floor**  
**No-26, Sardar Patel Road, Guindy, Chennai-32**

TO

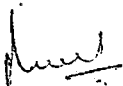
**Director (PTCC)**  
**Central Electricity Authority**  
**New Delhi**

No:SR-PTCC/CM/2015-16/ 98 dtd at Chennai the 9th September 2015

**Sub: Follow-up action on the minutes of the 100<sup>th</sup> CLPTCC meeting on item A.12-reg**  
**Ref: Your letter no CEA/PCD/100 CLPTCC/589 dtd 27-08-2015**

\*\*\*\*\*

This has got reference to your letter cited above. As already discussed in the 100<sup>th</sup> CLPTCC meeting, the issue is regarding the high theoretical value of EPR of the end S.S w.r to the clearance of 220 KV DC line from 400 KV Substation Manubolu to existing 220/132 KV station at Sullurpet. After the meeting, APTRANSCO had already communicated to your office by e-mail on 3<sup>rd</sup> June 2015, the details of all the correspondences between this office and APTRANSCO, IV values communicated by your office for this case, and the theoretical value of EPR of the end S.S and requested for detailed study of the case. Hence it is requested that necessary directions may be given in this regard after study of the case please for issue of Route Approval Certificate.

  
Divisional Engineer (PTCC)  
Southern Region  
Chennai-32

Copy to:

1. AGM(PTCC), % CGM Insp & QA Circle, Jabalpur
2. Chief Engineer (Cons), APTRANSCO, Hyderabad.

**CENTRAL ELECTRICITY AUTHORITY**  
**Power Communication Development Division**

**AGENDA FOR THE 101<sup>ST</sup> CENTRAL PTCC MEETING**

Date 09<sup>th</sup> October, 2015 (Friday)

Venue NRPC Conference Hall (1<sup>st</sup> 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 100<sup>th</sup> Central PTCC meeting held at Chandigarh on 26<sup>th</sup> 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.

DE(PTCC), Chennai- No Comments

**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, CSEs (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.

**DE (PTCC), Chennai:-** User Profile data in r/o CEA/New Delhi and one nodal Officer from each of the SEBs of Southern Region already received in this office. The same have been forwarded to ITPC Hyderabad. It has to be confirmed from ITPC whether, such nodal officer so created will have the rights to create users under their control.

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

### Phase-I

As per decision taken in the 99<sup>th</sup> CLPTCC meeting, 1<sup>st</sup> 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 99<sup>th</sup> 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.

**DE(PTCC), Chennai- No Comments**

## **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



As 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 99<sup>th</sup> 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.

DE(PTCC), Chennai- No Comments

#### **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.

DE(PTCC), Chennai- No Comments

#### **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.

DE(PTCC), Chennai- No Comments

#### **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.

DE(PTCC), Chennai- Communication received in this office from CEA/New Delhi already communicated to all SEBs of Southern zone .

#### **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 1<sup>st</sup> meeting proposed to be held on 29<sup>th</sup> September 2015 at Chennai. The outcome of the meeting would be informed in the CLPTCC meeting.

Members may deliberate.

DE(PTCC), Chennai- The outcome of the meeting would be informed later.

#### **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.

A 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.

DE(PTCC), Chennai- Communication received in this office from CEA/New Delhi already communicated to all SEBs of Southern zone for their information and practice.

### 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.

DE(PTCC), Chennai- No communication in this regard has been received from TSTRANSCO so far.

### 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.

DE(PTCC), Chennai- no comments

**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.

DE(PTCC), Chennai- no comments

**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.

DE(PTCC), Chennai- no comments

**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.

DE(PTCC), Chennai- Guidelines received from CEA/New Delhi already forwarded to KSEB/Trivandrum. KSEB to act accordingly.

**C.4 Agenda received from PGCIL, WR-II**

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

DE(PTCC), Chennai- no comments

**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.

DE(PTCC), Chennai- no comments

O/o DET(PTCC), Western Zone,  
3<sup>Rd</sup> 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 07.09.2015

To,

The A.G.M. (MM ),  
Inspection & QA Circle ,  
Jabalpur .

**Sub: Compliance on the minutes of 100<sup>th</sup> Central PTCC meeting held at Chandigarh .**

Honorable Chairman while inauguration /concluding 100<sup>TH</sup> CLPTCC meeting has appreciated PTCC West Zone performance in all respect .This year performance up to August 2015 is being furnished herein .

West Zone PTCC cases status at glance from 01.04.15 to 31.08.15						
Sr. No.	Circle	Cases as on 01.04.15	Cases offered during the year	Total	Cases cleared during the year	Cases pending as on 31.08.15
1	Chhatisgarh	20	3	23	5	18
2	Gujrat	201	126	327	60	267
3	Maharashtra	93	31	124	27	97
4	Madhya Pradesh	34	27	61	21+1 *	39
	Total	348	187	535	113+1*	421

\* indicates that one case of Madhya Pradesh has de -registered as per PGCIL request in the month of May-15

Honorable Chairman CLPTCC has assigned regarding safety measures towards utilization of G.D. Tube. Detail reports has been forwarded vide letter no. IC/MBI/PTCC/CLPTCC/46 Date 03.06.2015 to Honorable CGM/ GM(North)

We are submitting herewith the compliance on the minutes of 100<sup>th</sup> Central PTCC meeting held at Chandigarh .

**A. Confirmation of minutes of the 100<sup>th</sup> CLPTCC meeting-** Minutes may be confirmed .

**B.1 Ensuring 'Zero Level' on unguarded power crossing:**

Monthly report are being received from all SSA of territorial circles viz Chhatisgarh , Gujrat , Madhya Pradesh & Maharashtra. No such case of unguarded power crossing have been pending as far as West Zone concerned.

**B.2.1 Computerization of PTCC Route Approval Process:** Data collection is under process

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

No comments as per solution arrives in 100<sup>th</sup> CLPTCC meeting , which is covered in B.2.1.

**B.3 Supply of software for calculation of Induced Voltage and related Technical guidance:** As & when need aroused, SDE will be deputed for said training towards calculation of I.V. for 33KV Power line.

**B.4 - Arranging SLPTCC meetings at regular intervals.-** SLPTCC meeting are conducted regularly in Western Zone. Detail are furnished herewith.

Sr. No.	Name of Circle	Place of the meeting	Date of the meeting	Meeting conveyed by
1	Chhatisgarh	Raipur	23.04.15	CSPDCL, Raipur
2	Chhatisgarh	Raipur	28.07.15	BSNL, Raipur
3	Gujrat	Vadodara	26.08.15	GETCO, Vadodara
4	Madhya Pradesh	Bhopal	25.06.15	C/Z, DISCOM, Bhopal
5	Maharashtra	Aurangabad	12.06.15	BSNL, Auranagabad
6	Maharashtra	Satara	Proposed in the month of Aug. / Sept.2015	To be conveyed by BSNL , Satara

**B.5- Nomination of members from DISCOMs for SLPTCC meetings:** Discoms are included prior to 100<sup>th</sup> CLPTCC meeting & now Discom executives from West Zone are regularly attending SLPTCC meeting. However some perusal is required from concerned SDE(PTCC) pertaining to Concerned territorial circle viz Gujarat.Chhatisgarh, Madhyapradesh and Maharashtra.

**B.6.Non submission of PTCC proposal of SLPTCC /CLPTCC by PTUCL:** PTCC approval are regularly obtained prior to charging of power line as far as West Zone is concerned

**B.7 Conversion of 230KV D/C Overhead line into 230KV D/C 1X1200Sq.mm XLPE UG Cable**  
**C.1 Conversion of portion of existing O/H power line into U/G Cable**

Point B.7 & C.1 "NOTED" & intimated to all divisions pertaining to West Zone PTCC area.

C.2.5. Agenda received from PGCIL Bangalore – Some portion of case at Sr.No.10 pertains to Maharashtra state - (10)765KV D/C Kudgi (New) –Kolhapur (New)- Telecom detail for Maharashtra portion sent vide letter no. IC/MBI/PTCC/MRA-2247 Date 20.04.15 to CEA for IV calculation.

C.2.6 Agenda from Kerala SEBs regarding clearance of the EHV lines.- Not applicable

### **New Agenda for 100<sup>th</sup> CLPTCC meeting**

A.1 ,2,3,4,5 – Not applicable

A.6 -Item closed

A.7 Honorable CEA office may issue suitable instruction:

A.8- Not applicable

A.9- Item closed.

A.10 ,11,12,13 – Not applicable

DET(PTCC)  
Mumbai-54.

Annex III / 1

O/o DET(PTCC), Inspection circle,  
3<sup>rd</sup> Floor, D-Wing, BSNL Admin Bldg.  
Juhu Tara Road, Santacruz (West)  
MUMBAI-400 054.  
Email-detptccmbi@gmail.com  
Tele no.022-26611530



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

BSNL 3G ))) BSNL LIVE  
Faster than your thoughts 2010

No. IC/MBI/PTCC/CLPTCC/46

Dated at Mumbai-54, the 26.09.2015

To, Hon  
The Director (PTCC)  
CEA,  
NEW Delhi-16.

Sub: Follow-up action on the minutes of the 100<sup>th</sup> CLPTCC meeting on item No.B.4,  
Regarding arranging of SLPTCC meeting at regular interval .

Ref: 1) Your office letter No. CEA/PCD/100 CLPTCC / 1177 Date 07.08.2015

West Zone has been appreciated in 100<sup>th</sup> CLPTCC meeting regarding regular conducting of  
SLPTCC meeting .Detail as on date is being furnished herein

Sr. No	Name of Circle	Place of the meeting	Date of the meeting	Meeting conveyed by
1	Chhatisgarh	Raipur	23.04.15	CSPDCL, Raipur
2	Chhatisgarh	Raipur	28.07.15	BSNL, Raipur
3	Gujrat	Vadodara	26.08.15	GETCO, Vadodara
4	Madhya Pradesh	Bhopal	25.06.15	C/Z, DISCOM, Bhopal
5	Maharashtra	Aurangabad	12.06.15	BSNL, Aurangabad
6	Maharashtra	Satara	Proposed in the month of Oct.2015	To be conveyed by BSNL , Satara

However West Zone deals with around 600 to 650 cases in each financial year. So it is felt that SLPTCC meeting should be reduced twice in a year instead four meeting .Man power can be utilized towards early collection of data for expediting PTCC cases.

Copy to: 1) The D.E.SQOS, New Delhi.

2)The A.G.M.(SW),O/o C.G.M., Inspection Circle, Jabalpur. For kind information & needful action please.

3) The A.G.M.(MM),O/o C.G.M., Inspection Circle, Jabalpur.

मंडल, 28/09/2015  
Divisional Engineer  
PTCC, Mumbai-54.

मंडल, 28/09/2015

Annex III - 1/1/1

O/o DET(PTCC), Inspection circle,  
3<sup>rd</sup> Floor, D-Wing, BSNL Admin Bldg.  
Juhu Tara Road, Santacruz (West)  
MUMBAI-400 054.  
Email-detptccmbi@gmail.com  
Tele no.022-26611530



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

BSNL 3G ))) BSNL LIVE  
Faster than your thoughts 2010

No. IC/MBI/PTCC/CLPTCC/46

Dated at Mumbai-54, the 26.09.2015

To, *Han*  
The Director (PTCC)  
CEA,  
NEW Delhi-16.

Sub: Follow-up action on the minutes of the 100<sup>th</sup> CLPTCC meeting on item No.B.2.1.

Ref: 1) Your office letter No. CEA/PCD/100 CLPTCC / 1346 Date 28.08.2015

This point has been taken on top priority & accordingly user profile has been created for West Zone entities .During the course of deliberation with DET(PTCC),Chennai it is felt that instead creating profile data of large number of entities we should restrict the same to minimum viz State Transmission entities & power Grid authorities .DET(PTCC) for each zone has been created by act of parliament & as per electricity act 2003 ,DET(PTCC) has been authorized to complete the formalities before issuing of RAC.

Under the circumstances mentioned herein above , DET (PTCC) should be delegated a power to create user profile for nominated entities for particular project under intimation to concerned electricity board i.e. transmission entities who is liasoning for the same as per PTCC manual & electricity act 2003 .

However the works has been started & user profile pertaining to West Zone has been forwarded to DET(PTCC),Chennai. Online application software received from CEA office has been taken into consideration.

Further deliberation is required in 101 CLPTCC Meeting process should start to weed out teething problem.

Copy to: 1) The D.E.SQOS, New Delhi.

2)The A.G.M.(SW),O/o C.G.M., Inspection Circle, Jabalpur. For kind information & needful action please.

3) The A.G.M.(MM),O/o C.G.M., Inspection Circle, Jabalpur.

*Han*  
मंडल अभियंता  
दिनांक 26/09/2015  
Divisional Engineer  
PTCC, Mumbai-54.

*Han*



Annex III/12

O/o DET(PTCC), Western Zone,  
3<sup>rd</sup> 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 101<sup>th</sup> 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
<b>Chhatisgarh State</b>					
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
<b>Maharashtra State</b>					
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

Annex-III/1-1

	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
<b>Madhya Pradesh State</b>					
	Nil	NIL	NIL	NIL	NIL
<b>Gujrat State</b>					
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 (An pheti)	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

Annex-III/2

O/o DET(PTCC), Inspection circle,  
3<sup>rd</sup> Floor, D-Wing, BSNL Admin Bldg.  
Juhu Tara Road, Santacruz (West)  
MUMBAI-400 054.  
Emaild-detptccmbi@gmail.com  
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भारत संचार निगम लिमिटेड  
(भारत सरकार का उपक्रम)  
BHARAT SANCHAR NIGAM LIMITED  
(A Govt. of India Enterprise)

**BSNL 3G** ))) **BSNL LIVE**  
Faster than your thoughts 2010

No. IC / MBI / PTCC / CLPTCC/46

Dated at Mumbai the 19.09.15.

TO,  
The A.G.M.(SW),  
O/o C.G.M.,  
Inspection & QA Circle,  
Jabalpur.

NO. IC / MBI / PTCC / CLPTCC/46

Dated at Mumbai the 19.09.15.

Sub: Compliance on the agenda points raised by PGCIL, Vadodara & MPPTCL, Jabalpur  
for the 101<sup>st</sup> CLPTCC meeting to be held at New Delhi on 09.10.2015.

Please find enclosed here with reply / compliance report towards pending cases  
forwarded by PGCIL, Vadodara & MPPTCL, Jabalpur. Reply may be included during the  
course of 101<sup>st</sup> CLPTCC meeting to be held at New Delhi on 09.10.2015.

Encl-

- 1) Signed PDF copy
- 2) Without sign copy word format towards cut copy paste

महेश्वर अश्विनी  
पैपेट्रीसी, मुंबई-५४  
Divisional Engineer  
PTCC, Mumbai-54.

Compliance for the agenda submitted by MPPICL, Jabalpur for 101th CLPTCC meeting

2) PTCC Route approval

PTCC Route approval for 220KV lines

Sl. No.	Name of the power line	Date of reference	DET(PTCC) File No.	Pending for	Remark
a	220KV DCDS LILO line on Bhopal - Bina line for Ganjbasoda	02.08.14	404	RD from WCR	RD called from WCR on 13.08.14. As per MPPTCL letter WCR has sent RD to CEA on 10.10.14. Hence TD is being forwarded to CEA for IV calculation on 19.09.15
b	220KV DCDS LILO line on 220KV Narsinghpur - 220KV Itarsi line for 220KV Chichli	16.01.15	417	NOC from WCR	NOC called from WCR on 28.08.15.
c	220 KV DCSS LILO line 220 KV Rewa - Bansagar (Tons) HPS line for 220 KV Sirmour s/s	18.05.15	424	TD from BSNL	TD from BSNL called on 24.06.15. After receipt of same, it will be forwarded to CEA for IV calculation within fortnight.

Abbreviations TD-Telecom detail from BSNL

IV-Induced Voltage calculation


RD-Railway Telecom detail from concerned railways

CR- Central Railway, Mumbai

WR- Western Railway, Mumbai

WCR- West Central Railway, Jabalpur

NCR- North Central Railway, Allahabad



श्रीमती, इंद्रावती

Divisional Engineer

PTCC, Mumbai-54

Annex III/3



Compliance on the agenda points of PGCIL, WR-II, Vadodara for the 101<sup>th</sup>  
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) - Betul transmission line. (DET PTCC Case no.MP-405)

Compliance from DET(PTCC),Mumbai – Railway detail has been called from CR on 05.09.14. As per PGCIL, Vadodara letter CR has sent RD to CEA on 27.05.14.Hence Telecom detail is being forwarded to CEA for IV calculation on 19.09.15.

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

(DET PTCC Case no.MP- 399)

Compliance from DET(PTCC),Mumbai - Railway detail has been called from SECR on 01.08.14.till date RD from SECR are awaited . AS per PGCIL request, DET(PTCC),Mumbai has forwarded Telecom detail to CEA on 03.09.15.

Undertaking will be finalized during the course of meeting at new Delhi under the guidelines of honorable Director(PTCC),CEA , New Delhi. Draft prepared by DET(PTCC), available for review.(Addition / deletion) .

3. KAPP STAGE#3&4 TRANSMISSION SYSTEM :

(A) 400kV D/C KAPP – Navsari Tr. Line (DET PTCC Case no. GUJ-2184)

Compliance from DET(PTCC),Mumbai - CEA, New Delhi has forwarded IV calculation to WR as well as to this office. NOC from WR & EPR detail from PGCIL are awaited.

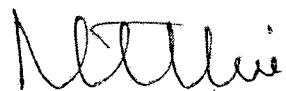
4. KAPP STAGE#3&4 TRANSMISSION SYSTEM :

(B) 400kV D/C KAPP – VAPI Tr. Line (DET PTCC Case no. GUJ-2183)

Compliance from DET(PTCC),Mumbai - RAC has issued on 18.08.2015 from DET(PTCC),Mumbai office .

5. 220 kV D/C Ringanwada - Magarwada Tr. Line : (DET PTCC Case no.GUJ- 2256)

Compliance from DET(PTCC),Mumbai – PTCC proposal for said power line has been received to this office on 27.07.15 & same has been forwarded to BSNL, Ahmedabad office for submission of Telecom detail vide letter no. IC/MBI/PTCC/Guj-2256 date 27.07.2015.

  
मंडल अभियंता  
दिल्ली

~~Annex III~~ Annex- III/4-1  
~~2010~~

O/o DET(PTCC), Inspection circle,  
3<sup>rd</sup> Floor, D-Wing, BSNL Admin Bldg.  
Juhu Tara Road, Santacruz (West)  
MUMBAI-400 054.  
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Tele no.022-26611530



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**BSNL 3G** )))) **BSNL LIVE**  
Faster than your thoughts 2010

No. IC/MBI/PTCC/CLPTCC/46

Dated at Mumbai-54, the 26.09.2015

To, *Hon*  
The Director (PTCC)  
CEA,  
NEW Delhi-16.

Sub: Follow-up action on the minutes of the 100<sup>th</sup> CLPTCC meeting on item No.B.5,  
Regarding Nomination of members from DISCOMs for SLPTCC meeting.

Ref: 1) Your office letter No. CEA/PCD/100 CLPTCC / 1170 Date 07.08.2015

DISCOMs Executives from five states electricity boards have been nominated by concerned electricity boards & they are regularly attending the SLPTCC meeting in west Zone (viz Chhatisgarh, Maharashtra, Madhya Pradesh & Gujrat ) .This point was deliberated & detail discussion has been held & during the period west zone DET(PTCC) has been clarified in 100<sup>th</sup> CLPTCC meeting that DISCOMs are attending the SLPTCC meeting regularly.

- Copy to: 1) The D.E.SQOS, New Delhi.  
2)The A.G.M.(SW),O/o C.G.M., Inspection Circle, Jabalpur. For kind information & needful action please.  
3) The A.G.M.(MM),O/o C.G.M., Inspection Circle, Jabalpur

*M. M. M.*  
मंडल अभियंता  
26/9/2015  
पीटीसीसी, मुंबई-54.  
Divisional Engineer  
PTCC, Mumbai-54

*M. M. M.*  
26/9/2015  
मंडल अभियंता  
पीटीसीसी, मुंबई-54.  
Divisional Engineer  
PTCC, Mumbai-54

Annex- III/5

Completed by  
DF MCA Mumbai

**CENTRAL ELECTRICITY AUTHORITY**

Power Communication Development Division

**AGENDA FOR THE 101<sup>ST</sup> CENTRAL PTCC MEETING**

Date 09<sup>th</sup> October, 2015 (Friday)  
Venue NRPC Conference Hall (1<sup>st</sup> Floor)  
NRPC Office Complex, Shaheed Jit Singh Marg,  
Katwaria Sarai, New Delhi-110016  
Ph.: 011-26868681, 26967840, 2696790  
Time 11:30 Hrs

**A. CONFIRMATION OF MINUTES OF THE LAST MEETING**

The Minutes of the 100<sup>th</sup> Central PTCC meeting held at Chandigarh on 26<sup>th</sup> 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 minute

**B. FOLLOW-UP ACTION ON DECISION 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.

Reply- West Zone is concerned statement are received Nil report as on date

**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



MD, 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 powerline 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, CSEs (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 licenses. 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.

Reply- As per Honorable C.G.M order during the course of meeting, West Zone has taken this on top priority. User profile pertaining to Maharashtra, Gujrat & Madhyapradesh has been forwarded to AGM(SW), Circle office, Jabalpur copy to ITPC, Hyderabad, DE(SQOS), New Delhi for information.

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

### Phase-I

As per decision taken in the 99<sup>th</sup> CLPTCC meeting, 1<sup>st</sup> 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 99<sup>th</sup> 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 Powerside.

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

JJ-5/5-2

process activity, Committee may be suspended for the time being and the same may be made inactive, if required, at a later stage depending upon the requirement of computerization process.

Members may deliberate.

Reply- Digitalization as per Para mentioned herein above B.2.1 will lead to digitalization .So further collecting data will not yield positive result. Instead we should concentrate on process of RAC digitalization

**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 need to be called from the concerned authorities, for not conducting SLPTCC meetings in the Eastern Zone.

It was decided in the 99<sup>th</sup> CLPTCC meeting that a copy of correspondence between Inspection Circle and concerned Telecom Circle/Power authorities along with agenda of SLPTCC meetings 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.

Reply -SLPTCC meetings held regularly .Details of West Zone furnished herein

Sr. No	Name of Circle	Place of the meeting	Date of the meeting	Meeting conveyed by
1	Chhatisgarh	Raipur	23.04.15	CSPDCL, Raipur
2	Chhatisgarh	Raipur	28.07.15	BSNL, Raipur
3	Gujrat	Vadodara	26.08.15	GETCO, Vadodara
4	Madhya Pradesh	Bhopal	25.06.15	C/Z, DISCOM, Bhopal

Maharashtra	Aurangabad	12.06.15	BSNL, Auranagabad
Maharashtra	Satara	Proposed in the month of Aug. / Sept.2015	To be conveyed by BSNL , Satara

#### 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.

Reply- Discoms are included prior to 100<sup>th</sup> CLPTCC meeting & now Discom executives from West Zone are regularly attending SLPTCC meeting. However some perusal is required from concerned SDE (PTCC) pertaining to territorial circle viz Gujarat, Chhatisgarh, Madhyapradesh and Maharashtra.

#### 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

5/3=4

Chhattisgarh, 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.

Reply- PTCC approval are regularly obtained prior to charging of power line as far as West Zone is concerned

#### **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 into 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.

Reply - "NOTED" & intimated to all divisions pertaining to West Zone PTCC area. (This will be reflecting in future PTCC cases deliberated with all SDE (PTCC) pertaining to west Zone )

#### **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.

S/S-5

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

Members may deliberate.

Reply – As decided by earlier CGM/ Chairman CLPTCC Work was assigned to DET(PTCC), Mumbai towards submission of report .Report submitted .Deliberation is required on the same.

**B.8 KeralaSEB case regarding EPR values**

In the last meeting, DET (PTCC), BSNL, Chennai informed that for PTCC case submitted by KSEB i.e. 220 KVMC Line from 400kVMannukkad S/S (PGCIL) to 220kVKanjikkode 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.

Reply –Not applicable

**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 400KV 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.

Reply –Not applicable

**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.

Reply – Not applicable

**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.

Reply – DET (PTCC), Mumbai

Sl.No.	Name of the power line	Date of reference	DET (PTCC) File No.	Pending for	Remark
a	220KV DCDS LILO line on Bhopal - Bina line for Ganjbasoda	02.08.14	404	RD from WCR	RD called from WCR on 13.08.14. As per MPPTCL letter WCR has sent RD to CEA on 10.10.14. Hence TD is being forwarded to CEA for IV calculation on 19.09.15
b	220KV DCDS LILO line on 220KV Narsinghpur - 220KV Itarsi line for 220KV Chichli	16.01.15	417	NOC from WCR	NOC called from WCR on 28.08.15.

O/o DET(PTCC), Eastern Zone,  
Inspection & QA Circle,  
Parkbazar Telephone Kendra(3<sup>rd</sup> Floor)  
148 C R Ave, Kolkata-700 007  
Email-detptccer@gmail.com  
Mob: 8902000414



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

Annex 10

No. DET/PTCC/ER/15-16/04

Dated: 09-09-2015

To  
The A.G.M./ PTCC,  
Inspection circle,Jabalpur

Sub:- Agenda items for 101<sup>th</sup> CLPTCC meeting from PTCC/ER/Kol.

Sir,

As per the instruction of AGM/PTCC,Inspection circle,Jabalpur, the agenda items of Eastern zone for 101<sup>th</sup> CLPTCC meeting to be held at New Delhi on 9<sup>th</sup> October'15, are mentioned below for your kind information and n/a pl.

**1) Ensuring "zero level" on unguarded power crossings-** From the Telecom circles of Eastern zone for a long period no report is received though verbally informed by WB circle that there is no such any case. In this regard latest Ref .letters are 1. CGM,Inspection circle,Jabalpur D.O.letter no. TD/LP-2015/97<sup>th</sup> CLPTCC /PART dated 30<sup>th</sup> Nov'2013. 2.DET/PTCC-ER/14-15/01 dated 01.04.2014, 2. DET/PTCC-ER/14-15/02 dated 30.06.2014, 3. DET/PTCC-ER/14-15/03 dated 30.08.2014. 4. DET/PTCC-ER/14-15/04 dated 22.10.2014. 5. DET/PTCC-ER/14-15/05 dated 24.12.2014.6. DET/PTCC-ER/14-15/06 dated 25.01.2015. 7. DET/PTCC-ER/14-15/07 dated 20.03.2015. 8. DET/PTCC-ER/15-16/03 dated 17.08.2015 9. DET/PTCC-ER/15-16/04 dated 07.09.2015

**2) Arranging SLPTCC meeting-** Several times, since the last three years, it was pursued repeatedly to all Telecom circles and State power authorities of Eastern zone in the jurisdiction of DET/PTCC/ER/Kolkata for conducting SLPTCC meeting, but till yet no action has been taken from any Telecom circle in Eastern zone though personal visit was hardly possible except WB circle due to not having a single technical staff under DET/PTCC/ER/Kol.

**3) Nomination of members from DISCOM-** Only 2 nominations were received from DISCOM-DVC,Kolkata and Power Grid,NE zone,Shillong in the year of 2012 and after that, though several times, it was pursued to all power authorities in eastern zone no any member has yet been nominated.

**4) Shortage of technical staff in eastern zone-** There is no technical and Group-D staff under PTCC unit, Eastern zone,Kolkata except the only DET who has take responsibility of work assignment of SDE,JTO even Group-D which is hardly possible to run the office smoothly where 7 nos. Telecom circles are involved in this jurisdiction.

**5) PTCC pending status in Eastern zone-**

a) IV report Pending from CEA,NewDelhi / concerned power authorities	= 41
b) Pending for BSNL Telecom details only	= 19
Total	= 60

This is for your kind information and n/a pl.

D.E.T. (PTCC), E/R,  
Inspection & QA Circle, Kolkata

Annex- V

निरीक्षण परिमन्डल  
संचार विकास भवन , रेसिडेंसी रोड  
जबलपुर - 482 001  
(आई. एस.ओ. 9001:2008 प्रमाणित )  
INSPECTION CIRCLE,  
SANCHAR VIKAS BHAVAN,  
RESIDENCY ROAD, JABALPUR 482 001



भारत संचार निगम लिमिटेड  
(भारत सरकार का उपक्रम)

BHARAT SANCHAR NIGAM LIMITED  
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BSNL 3G  
Faster than your thoughts

BSNL LIVE  
2010

No. TD/LP-2015/100<sup>th</sup>CLPTCC meeting

dated: 06 -07-2015

To,  
The DGM (A/T)  
Inspection Circle Chennai

Subject: - Constitution of committee for examining provisioning of G D Tube in Telecom Network.

It is observed by field units that practically at present G D Tube not used by Telecom/Railway circuit due to technical problems that is humming noise, impedance mismatch, different land line fault, non working of Broadband connection etc. Therefore mostly glass fuses are being used in place of G D tubes.

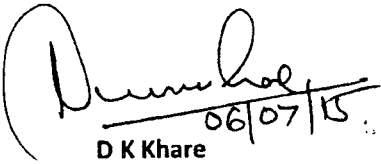
As per decision taken in 100<sup>th</sup> CLPTCC meeting, the committee consist of following members is formed for conducting detailed studies related to provisioning/installation/procurement of GD tube in the Telecom Network for safety of equipment from power induction.

- |  |          |
|--|----------|
| 1. Shri V Ganeshan, DGM (A/T) Inspection Circle, Chennai   | Chairman |
| 2. Shri Naresh Bhandari, Director PTCC, CEA, New Delhi     | Member   |
| 3. Smt Chitra Suresh, DE (PTCC) Inspection Circle, Chennai | Member   |
| 4. Shri S Bala kumar, Chief Manager Powergrid, Vadodara    | Member   |

Any officer who has expertise in this field may be nominated as a member by DGM (A/T) Chennai.

After examining the issue, detailed report to be sent this office by 15<sup>th</sup> July 2015 for further necessary action please.

This has the approval of competent authority.

  
06/07/15

D K Khare  
AGM (MM)  
Inspection Circle

Copy to: -

- (1) CE (LD&T Division) CEA New Delhi for conveying nomination of officers at Sl. No. 2 & 4 above.
- (2) DE (PTCC) Inspection Circle Chennai.



O/o DET(PGCC), Inspection circle,  
3<sup>rd</sup> Floor, D-Wing, BSNL Admin Bldg.  
Lahu Tara Road, Santacruz (West)  
MUMBAI-400 054.  
Email: detptccmbi@gmail.com  
Tele no. 022-26611530



Annex VI  
भारत संचार निगम लिमिटेड  
( भारत सरकार का उपक्रम )  
BHARAT SANCHAR NIGAM LIMITED  
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**BSNL 3G** )))) **BSNL LIVE**  
Faster than your thoughts 2010

NO. IC/MBI/PTCC/CLPTCC/46

Dated at Mumbai, the 03.06.2015

To,  
Honorable Chief Inspection Circle,  
Chairman CLPTCC, Inspection Circle,  
Jabalpur.

Sub: Provision of G.D. Tubes / installation of G.D. Tubes / procurement of G.D. Tubes of various capacity.

Ref: 1) Discussion by honorable chairman, CLPTCC regarding safety of equipment (Telecom / Railway)

Dear Sir,

As per discussion in review meeting regarding

1) procurement of G.D. Tubes ?

Reply – G.D. Tubes are readily available at various places, it can be procured. In Recent past, Gujrat Circle has procured G.D. Tube worth Rs. 9,00,000=00 from different agencies.

2) Whether G.D. Tubes are installed for safety of exchange equipment ?

Reply – During the course of inspection of various exchanges in different Territorial circles, It is observed that G.D. Tubes are installed at MDF points. In some divisions G.D. Tubes are not installed on the pretext that it is giving humming noise further impedance mismatch has lead to different type of land line fault VIZ line break ,loop not getting, non working of broad band connection. So in view of the facts G.D. Tubes are bypassed by replacing with glass fuse / straight way connecting with fuse wire depending upon the availability / urgency towards restoring the land line fault.

3) Inference drawn - G . D. Tubes are available & installed in MDF, some places it is by passed giving reason towards by pass in not technically tenable / sustainable it is mere avoidance of safety measure.

4) When additional G.D. Tubes are provided ?

Reply- When Induced voltage due to parallel power line is more than 430 volts as per PTCC guidelines. If the low frequency induction is 430- 650 volts on the parallel Telecom circuits, then Telecom department has to provide the protective devices i.e. GD Tubes on their own cost .

If the low frequency induction is 650 – 2000 volts on the parallel Telecom circuits, then later entrant has to bear the cost of protective devices i.e. GD Tubes as on date / for railway circuits limits are variable depending on the type of railway circuits as defined in PTCC manual .

If induced voltage exceeds 650 volts but less than 2000 volts ?

Reply – The different capacity G.D. Tubes are to be installed at MDF & Pillar. In MDF GD Tubes are installed however at Pillar during the course of inspection. GD Tubes are not installed at Pillar since it is practically not feasible, honorable CEA can take up this matter by taking feedback from all agencies involved. So honorable CGM'S Concerned regarding protecting equipment stands true since only Demand Notes are issued Money being paid from

& power line is being charged. It is as per Appendix-IX to Chapter 1 (Refer para 6.3.7 of PTCC manual 2010 – Page no. 138 to 141).

If induced voltage exceeds 2000 volts ?

Reply-We have to apply 20 GD Tube formula to find the number of GD Tube. Again question arises where to install GD Tubes & how to install GD Tube .

Realignment Real Remedial solution .

5) Regarding armoured OF cable ?

Reply- It is 2.00Km drum .Dead end to be properly earthed .So question of cutting & providing of GD Tube on the sheath of OF Cable is practically impossible.

6) Case discussed by Shri.Balakumar, Chief Manager (Engg.),Power Grid, Vadodara.

Reply- case pertaining to 2011

Route - 400KV D/C line from Mundra – Limdi (Length -313.20Km)

Route of railway line – Muli- Limdi – Chuda- Wadhvan of Western Railway.

RAC issued vide letter no. IC/MBI/PTCC/Guj- 1769 Date -098.11.20110 .

Protection required for BSNL circuits – No GD Tube are suggested / required .

Statement given by Shri.Balakaumar in CLPTCC meeting produced below.

That Power Grid has paid the money to railway authority & railway authority has provided GD Tube on their circuits. Which is false statement .JTO (PTCC),Ahemedabad Shri.J.K.Parmar deputed to all four station with the help of railway engineer / officer Shri.Sharma & Shri.Sanjay .Block circuit cabin where railway circuits have been provided have been jointly inspected & railway has provided 1000volt DC rated 0.1mfd & 2.2 mfd condenser for re-engineering work in podanur type single line tokenless block instrument to safe guard their equipment as per PTCC approval. Copy of letter of procurement of condenser from different agencies dated 02.11.2012 is enclosed (Railway authority).So statement given by Shri. Balakumar is not true. Not based on evidence of record without going through PTCC manual. In PTCC manual this provision is available & produced below.

Podanur make single line tokenless block instrument(Push button type)- This instrument is only suitable for use in non AC electrified sections. This instrument is safe for use in block circuits subjected to maximum induction 650 voltsr.m.s.50 cycles AC from neighboring power line provided the existing DC Blocking condenser in the telephone circuits is replaced by a one rated for 1000V DC for non AC section only.(Non AC electrified).

Conclusion- GD Tubes not available as contented is not true.GD Tubes can be procured from Chennai, Delhi .

Name of suppliers.

Manufacture – Citel Surge protection Limited, New Delhi (Shri.Sanjay Chandra, Mobile No.09725213512)

Honorable Chairman CLPTCC concerned regarding protection of equipment true and fact on record. Remedial measure are awaited for which committee has been constituted .

*Abhinav*  
मंडळ अभियंता  
3/6/2011  
Divisional Engineer  
PTCC, Mumbai-54.