



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

पावर कम्युनिकेशन डवलपमेंट प्रभाग

Power Communication Development Division

No. CEA/PCD/106th CLPTCC Meeting/2018/

Date: 18-May-2018

To,

All Central PTCC Members

(As per attached list)

Subject: Additional Agenda -II for 106th Central Level Power and Telecommunication Committee (CLPTCC) meeting –reg:

Sir,

In continuation to our letter of even no. dated 15th May 2018, the additional Agenda –II covering received form Gujarat Energy Transmission Corporation Ltd and Delhi Transco Limited is enclosed.

(S.P. Abraham)

Director.

Additional Agenda –II for 106th CLPTCC meeting to be held at Mahabaleshwar, Maharashtra on 25/05/2018

E.1. Agenda from GETCO

Gujarat Energy Transmission Limited vide letter dated 09/05/2018 (Copy enclosed as Annexure-I) has sent agenda for the meeting.

Members may deliberate

E.2. Agenda from Delhi Transco Limited

Delhi Transco Limited vide letter dated 11/05/2018 (Copy enclosed as Annexure-II) has sent agenda for the meeting.

Members may deliberate

GUJARAT ENERGY TRANSMISSION CORPORATION LTD.

Regd Office: Sardar Patel Vidyut Bhavan, Race Course, Vadodara-390 007.

Website: www.getcogujarat.com Email: ceproject.getco@gmail.com

CIN: U40100GJ1999SGC036018

Telephone (0265)-23230583-86 / Fax No. (0265)23380238 / 23380235

NO. CE(Project)/EE (Tr.-3) / 5286

Date: 09-05-2018.

To,
The Director (PTCC),
Power Communication Development Division,
Central Electricity Authority,
Govt. of India,
Ministry of Power,
NRPC Complex,
18-A, Saheed Jeet Singh Sansanwal Marg,
Katwariya Sarai,
New Delhi-110 016.

Sub: Agenda items of 106th CLPTCC meeting from GETCORef: Y.O.L.No. CE/APCD/106th CLPTCC meeting/2018 dtd.24.04.18.

Dear Sir,

Agent to the above subject & letter under reference, we are submitting the agenda items as per Annexure-A attached herewith for 106th CLPTCC meeting to be held on dtd.25.05.18 at Mahabaleshwar, Maharashtra.

Total 62 nos cases of EHV transmission lines pending for PTCC clearance (attached as per Annexure-A) for which GETCO has submitted the proposals. It is requested to include in the agenda items in the upcoming meeting for early clearance of the cases.

Moreover, it is to highlight over here that appx. 428 cases of GETCO are pending for all voltage class (including above mentioned 62 EHV class cases) from which 227 nos of cases have been submitted during the year 2017-18 only. It is requested to take up the matter for better, fast & smooth co-ordination with BSNL and Railway authorities for resolving the pending cases at the earliest.

Thanking you,

Yours Sincerely,

(N.P.Maheshwari)
Chief Engineer (Projects)

Copy to:
The Divisional Engineer (Telegraphs) (PTCC),
BSNL, 3rd Floor, 'D' Wing, Telecom Complex,
Juhu Tara Road, Juhu Danda,
Santracruz West,
Mumbai -400 054.

Annexure-A
Pending GETCO PTCC CASES AS ON 09/05/2018.

Sl NO	Line Name	GETCO O/W No.	DATE	Telecom FILE NO	Length in KM	TD CALLED ON	TD RECD ON	RAIL WAY ZONE	RD RECD ON	RLY NOC RECD ON	CONCERN ED POWER	Online regl. No.	Online regl. Date	Other remarks
1	220KV D/C & M/C L.I.O Svarkundala -Otha line No.2.		15.02.14	2040	41.300		12.05.14	297	23.07.14		Amreli			NOC WR
2	220KV D/C Otha-Sagpara line		14.02.14	2066	48.000		12.05.14	315	11.08.14		Amreli			NOC WR
3	220 KV D/C Lilo line from 220 KV Savarkundala - Vatej line to BECL Plant		08.05.14	2168	28.510	16.08.14					Amreli			NOC WR
4	220 KV D/C line BECL plant to 220 KV Sagapara s/s		08.05.14	2169	41.670	16.08.14		435	02.08.14		Amreli			IV from CEA
5	220 KV D/C line from BECL plant to KV Boded s/s		04.05.14	2181	94.260	25.08.14		441	08.09.14		Amreli			IV from CEA
6	220 KV M/C & D/C tower line from Wind Farm of Inox renewable Ltd (WMSL)at S/S Sukhpar to 400 KV Amreli S/S.		08.06.15	2225	39.513	14.07.15					Amreli			Query (11.04.18)compliance awaited from GETCO
7	220 KV S/C L.I.O line to 220 KV Boded S/S from existing 220 KV D/C Amreli - Dhasa Line		03.07.15	2258	49.940	04.08.15		599	31.07.15		Amreli			IV from CEA
8	220KV L.I.O to Rajula s/s from 220KV GPPC-Dhokadva line		15.09.17	1915							Amreli			TD & RD awaited.
9	400KV D/C Varsana- Hadala		16.11.09	1762	150.000	16.11.09	10.03.10	1110	10.12.12		Amreli			NOC WR
10	220KV D/C Lilo to Kukma from Anjar- Parandhro ccts no 2		14.06.10	1797	2.800	14.06.10	17.06.10	14	23.09.10		Amreli			IV from CEA
11	400KV D/C Mandra-Zerda-2		01.02.13	1899	330.000	15.01.13	15.01.13				Amreli			IV from CEA Railway crossing drawing submitted on 06.03.18
12	220 KV D/C L.I.O to PS-21of SSNNL- Nani Hamirpar from 220 KV Shivkatha- Deodar line Tal-Papar Dist.-Kachchh Gujarat.		26.02.14	2150	27.660		15.05.14	376	04.09.14		Amreli			NOC WR
13	220 KV Mokra-Vasana line on D/C & M/C from GECTO 220 kv Mokra to 400 KV Vasana s/s, Dist.-Kutch, Gujarat.		28.02.14	2155	2*57.83	26.10.15		408	03.09.14		Amreli			IV from CEA
14	220 KV OPF Project Bhadeshwar - 400KV Varsana (Tappar)		15.08.15	2268	58.690	04.08.15		541	15.07.15		Amreli			NOC WR
15	220KV D/C L.I.O line on Varsana - Jamanwada (Suzlon) line 1&2 at 220KV 20KV Bhachuda s/s		01.02.16	2396	19.582	01.04.16		631	NA	11.05.16	Amreli			Compliance submitted 06.03.18, IV from CEA pending
16	220 KV L.I.O Vondh (Bhachau) S/s from existing 220 KV Tappar - Hadala. Line with ACSR Zebra Conductor.		15.07.16	2421	1.770	24.08.16					Amreli			Compliance submitted 06.03.18, IV from CEA pending
17	TPS-Nakhatrana line No.2		15.09.17								Amreli			Army NOC 02.02.18
18	400KV D/C Bhachunda-Varsana line on D/C tower AL-59 Cond		15.09.17								Amreli			Compliance EPR submitted 26.03.18 by Corpo. Army NOC 02.02.18
19	400KV D/C Mundra-Zerda line No.1		15.09.17								Amreli			Army NOC 02.02.18
20	220KV L.I.O of both circuits to 220KV Amrod s/s from 220KV D/C Mobha-Mangrol line		17.01.18								Bhanuch			TD & RD awaited.
21	220KV L.I.O of both circuits to 220KV Valenja s/s from 220KV D/C Km-GSEG-Mora line		17.01.18								Bhanuch			TD & RD awaited.

SL NO	Line Name	GETCO OW No.	DATE	Telecom FILE NO	Length in KM	TD CALLED ON	TD RECD ON	FAIL WAV ZONE	RD RECD ON	RLY NOC RECD ON	CONCERN ED POWER	Online regl. No.	Online regl. Date	Other remarks
22	220KV D/C Kansari - Thavar line	785	22.03.07	1668	27.4	22.03.07	02.08.07	902	04.12.07	27.03.15	Deesa			Incomplete IV from CEA, NOC from VFR awailed IV from CEA awailed
23	220KV D/C Tharod - Deodar line	3352	03.07.12	1868	38.728	26.06.12	28.08.12	107	28.08.12		Deesa			
24	400KV L.I.O to 400KV Veloda s/s from 400KV Vadavli-Zenda line	5638	22.12.17		16.23						Deesa			Provisional PTCO approval given vide L.No. ICM/BIPTCC/GUJARAT/PR DV/SIONAL/DI/27.12.2017 TD & RD awailed.
25	220KV Radhanpur-Sankhari line	3263	26.03.18		48.84						Deesa			
26	400KV L.I.O Charanaka line from existing 400KV Munda- Zenda line No.2	3284	28.03.18		6.53						Deesa			
27	220 KV Faredi L.I.O of Both circuit of 220 KV D/C Kadana - Dhansura line		15.08.15	2281	6.630	05.08.15	18.04.16	538	NA	13.07.16	Himmatnag ar	104242	13.04.18	TD & RD awailed.
28	400 KV D/C Wanakbori TPS - Soja Line with AL-59 Conductor		30.06.16	2352	107.070						Himmatnag ar	104012	12.02.18	IV from CEA awailed
29	220 KV Vankalpura-Waghodia D/C line with AL-59 conductor	3505	31.03.18		14.070						Himmatnag ar	01.17/WGJ 010120171 405)	01.01.2017	TD from BSNL awailed
30	220 KV D/C Jamnagar - hadala with line AL-59 Conductor. 400KV D/C L.I.O at Kalawad s/s from 400KV Vadinar-Hadala line		03.07.15	2282	68.570	05.08.15		586	03.08.15		Jamnagar	104188	07.04.18	New line added in list
31	220 KV D/C L.I.O at Kalawad s/s from 220KV Nyara- Tebhada line	1823	15.08.17								Jamnagar	NA	NA	Query of CEI replied on date 08.03.18, IV from CEA awailed
32	220KV L.I.O to both circuits of 220KV D/C Nyara-Tebhada line at 200KV Moti. Gop s/s	1924	15.08.17	2460							Jamnagar	103789	28-12-2017	TD & RD awailed.
33	220KV D/C line on Tower structure with ACSR Zebra conductor from 220KV Motipanel S/S to 220KV Sardargadh S/S	1097	28.01.18		35.538	Junagadh					Jamnagar	103880	29-01-2018	TD & RD awailed.
34	220 KV D/C line from Halvad-Sadia*	3242	26.03.18								Junagadh			TD & RD awailed.
35	L.I.O of Both Circuit of 220 KV Halvad-Bhimasar line at 400 KV Halvad S/S		04.03.14	2124	37.600		12.08.14	415	18.08.14		Junagadh			TD & RD awailed. NOC from VFR
36	220KV line from 220KV Shri Manu Wind Park India Ltd. s/s to 220KV Sadia s/s with AL-59 conductor		10.08.15	2211	4.500	14.07.15	21.08.15	522	15.07.15		Limbdi			IV from CEA awailed
37	220KV L.I.O line from 220KV Choraniya-Salepada line	1819	15.08.17								Limbdi			TD & RD awailed.
38	220KV D/C Sankhari- Jangal line	1820	06.12.10	1852	31.588	08.12.10	02.02.11	69	22.02.12		Limbdi			TD & RD awailed. IV from CEA awailed
39	220KV S/C L.I.O line on Vadavli - Chhatral line at 220KV Sanlej s/s		01.02.16	2335	25.330	01.04.16		633	14.03.16		Mehsana			Query compliance done on dtd.06.03.18, IV from CEA awailed
40	220KV D/C line from Milha - Becharaji s/s		01.02.16	2337	29.000	01.04.16		632	17.03.16		Mehsana			Query compliance done on dtd.06.03.18, IV from CEA awailed, NOC from VFR
41	220KV D/C line from Kheralu - Dharewada s/s		01.02.16	2339	26.680	01.04.16		635	17.03.16		Mehsana			Query compliance done on dtd.06.03.18, IV from CEA awailed, NOC from VFR

Sl NO	Line Name	GETCO O/W No.	DATE	Telecom FILE NO	Length in KM	TD CALLED ON	TD RECD ON	RAIL WAY ZONE	RD RECD ON	RLY NOC RECD ON	CONCERN ED POWER	Online regl. No.	Online regl. Date	Other remarks
43	220KV D/C line from Becharaji - Maruti Suzuki s/s		01.02.16	2340	2244	01.04.16		634	15.03.16		Mehsana			Query compliance done on dtd 06.03.18, IV from CEA awaited. NOC from WPR
44	220 KV LIL/O at 400 KV Veda s/s from Radhanpur - Mehsana Line		30.06.16	2387	31.280	19.07.16		638	20.07.16		Mehsana			IV from CEA awaited
45	400KV LIL/O at Dangam from 400KV Wanakbori-Soja line	1921	15.09.17								Mehsana			TD & RD awaited.
46	400KV D/C Soja-Zenda line	2702	04.10.17								Mehsana			TD & RD awaited.
47	220KV LIL/O of one circuit of 220KV D/C Gandhinagar-Chhatral line at 400KV Veda s/s	702	17.01.18								Mehsana			TD & RD awaited.
48	400KV D/C Vada-Vi-Halwad line on D/C tower with Twin AL-59 conductor having length 145.412 RKM	2207	7.2.17	2453	145.412	Mehsana	103815	28.12.17	4.10.17		Mehsana	103815	28.12.17	TD & RD awaited.
49	220 KV LIL/O Dhuvanar from 220 KV Kasor - Botad Line.	3486	15.07.16	2414	40.874	24.08.16		703	02.12.16		Nadiad	101127	11.01.18	Query compliance done by GETCO on dtd 26.03.18. Details required from BSNL by CEA-asked on dtd 27.02.18. NOC from WPR
50	220 KV Line from from 400 KV Kasor S/S to 220 KV DFCC Haraji Railway S/S	3488	15.07.16	2416	18.480	24.08.16		701	08.12.16		Nadiad	101548	20.01.18	Query compliance done on dtd 26.03.18, IV from CEA awaited
51	220KV D/C line from 400KV Vada s/s to 220KV DFCC Sanand Railway s/s.	2707	04.10.17								Nadiad			TD & RD awaited.
52	220KV LIL/O at Barejadi s/s from 220KV Karamsad-Ranasaan line	2708	04.10.17								Nadiad	104159	26.03.18	TD & RD awaited.
53	400KV LIL/O from 1st circuit of 400KV D/C Kosamba-Choraniya line at 400KV Sanand II S/S [GIDC] with ACSR Twin Moose Conductor	2522	08.03.18								Nadiad	104131	09.03.18	TD & RD awaited.
54	400KV D/C line from Wanakbori TPS Unit 8 to existing switchyard at Wanakbori TPS [interlink between switchyard] with twin AL-59 conductor	2521	08.03.18								Nadiad	104132	09.03.18	TD & RD awaited.
55	220KV D/C LIL/O to Vav-Ukai line for Mota		24.12.07	1619							Navsari			TD & RD awaited.
56	220KV D/C Bhiadi- PGJCL (Ambheji)		14.02.08	1628		14.02.08	06.09.08	977	18.08.08		Navsari			WPR proposal not traceable
57	220 KV LIL/O from 220KV Navsari- Vav for 220KV Popada s/s.		15.05.12								Navsari			IV from CEA awaited
58	220KV D/C LIL/O Bhimasar from Motri-Halwad line 2		02.11.10	1942	8.210	12.06.12	01.05.13	112	20.07.12	25.06.15	Navsari			IV from CEA awaited
59	220 KV Makansar S/s from existing 220 KV M/C Sartanpar - Wanakar line		08.06.15	1841	107.000	02.11.10	08.12.10	81	19.01.12	09.03.12	Rajkot	NA	NA	IV from CEA awaited
60	220KV LIL/O to 220KV Wanakar s/s from 220KV Hadala-Satnpar line	4878	28.11.17	2239	0.750	14.07.15		486	29.08.15		Rajkot	NA	NA	IV from CEA awaited
61	400KV D/C Amreli- Vadinar line with ACSR Twin Moose conductor	711	17.01.18								Rajkot	103773	16.12.17	TD & RD awaited.
62	220KV LIL/O at wanakar from 220KV S/C Lalpar - Sartanpar Line	3287	26.03.18		18.500						Rajkot	103950	05.02.18	TD & RD awaited.
											Rajkot	104222	12.04.18	TD & RD awaited.



दिल्ली ट्रांसको लिमिटेड DELHI TRANSCO LIMITED

दिल्ली सरकार का उपक्रम A Govt. of NCT of Delhi Undertaking

An ISO 9001:2015 Certified Company

Office of Deputy General Manager (T) QA&I

63, Shaktideep Building, Jhandewalan Extn. New Delhi-110055

Corporate Identification Number (CIN) - U40103DL2001SGC111529

PH NO. 011-23556659, Fax No. 011-23620320

No. F/DTL/202/Opr.(Plg.)/DGM(QA&I)/2018/F- 17/11

Date: 11-05-2018

Director(PTCC)
Power Communication Development Division
NRPC Complex , Shaheed Jeet Singh Marg,
Katwaria Sarai
New Delhi 110016

Kind attention : Shri. S.P Abraham

Sub: Agenda for 106th CLPTCC Meeting

The agenda on behalf of Delhi Power utilities for 106th CLPTCC Meeting to be held on 25th May 2018 is as follows:

1. **Inconsistency/ Ambiguity – Regulations and PTCC Manual as detailed below:**
As per section 88(5) of Technical standards for Construction of Electrical Plants and Electrical lines regulations 2010, notified by CEA stipulated as under :

“The owner shall arrange all required consents and approvals including as those from Power Telecommunication Coordination Committee (PTCC); and for civil aviation, road, river, rail, canal or power line crossing, way leaves and environment & forest clearances etc. from the concerned Authorities, agencies.” which is found to be applicable to transmission lines above 66 KV Electric overhead lines. However a closer look on this regulation would reveal that the section 88 in totality is applicable only for 66 KV and above which is mentioned under Chapter V as Routing of transmission lines Part A Electric lines (66 KV and above) which deals exclusively with construction of electrical overhead lines . However , no such requirement is mentioned for cables . With regard transmission lines 33 KV (Part-B of the regulation) the stipulation of PTCC clearance is not mentioned. For clarity, the concerned extracts 93(11) of regulation are cited as under :

The Owner shall arrange all required consents/approvals including civil aviation, road, river, rail , canal ,power line crossings and forest clearances etc. from the concerned authorities.

On the contrary of above regulations, the PTCC manual (2010) mentions about PTCC clearances of all electrical system. More-over, wherever bundled cable for 66 KV and 33 KV cables are used , the induced voltage is practically “Nil” and hence the induced voltage in communication network does not occur. As such PTCC clearance should not be emphasized for charging 66 KV and 33 KV cable system. The copy of representation dated 23-04-18 of Tata Power- DDL is enclosed as Annexure A . CLPTCC may deliberate and discuss .

2. **Authorization for Induced voltage calculations to representatives of DISCOMS :** For PTCC Clearance Induced Voltage Calculation as per PTCC guidelines are required. Necessary training be provided to two persons from each utility for Induced voltage calculation.




Office; DGM(T) QA&I Shakti deep Building , Jhandewalan Extension ,
पंजीकृत कार्यालय: शक्ति सदन, कोटला मार्ग, नई दिल्ली – 110002
Regd office : Shakti Sadan, Kotla Road, New Delhi – 110 002
Visit us at www.delhitransco.gov.in

3. **Govt. initiative- Ease of doing business in case of PTCC clearances** : Utilities have raised practical difficulties as there is no time limit defined for issuance of NOC for PTCC clearance . Document requirement to be reviewed in the present scenario to cut short the long procedural delays. Online monitoring with time limit for issuance of NOC to different agencies through PTCC portal be defined .

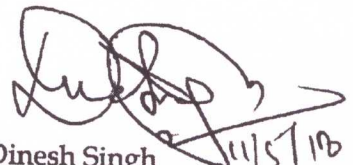
The above issues be deliberated and clarified in upcoming CLPTCC Meeting .

Encl: Annexure A


Dinesh Singh
DGM(T)QA&I

Copy for favour of information to:

1. OSD to CMD, DTL
2. Director(Operations), DTL
3. Executive Director (T) SLDC
4. Director (PTCC) & Secretary (CLPTCC) LD & Telecommunication Divn.
5. Chief Engineer Power Communication Development Division , CEA , Seva Bhawan , R.R Puram – I , New Delhi 110066.
6. CEO , **BSES Rajdhani Power Ltd.** ,BSES Bhawan , Nehru Place ,New Place ,New Delhi 110019
7. CEO , **BSES Yamuna Power Ltd.** ,BSES Bhawan , Shakti Kiran Building , Karkadooma , New Delhi 92
8. CEO, **TPDDL** , 33 KV Grid S/Stn., Hudson Lane , Kingsway Camp , Delhi 110009
9. DGM(System Operation) SLDC,DTL


Dinesh Singh
DGM(T)QA&I
Mob. 9999533680



TATAPOWER-DDL

To,
The Chief Engineer,
PCD, Central Electricity Authority,
Load Dispatch & Telecommunication
NRLDC Building, Katwaria Sarai,
New Delhi-110016

DELHI TRANSCO LTD
General Manager (P&E) Office
Copy No. 496
Date 11/5/18

Dear Sir,

This has reference to your letter no. CEA/PCD/104CLPTCC/1375 dated 27th June'17 to Delhi Transco Limited regarding clearances from Power & Telecommunication Coordination Committee (PTCC) while connecting & energizing newly laid 66kV/33kV /11kV feeders from DTL substations. In this regard we would like to submit following points:

- 1) As per section 88(5) of Technical Standards for Construction of Electrical Plants and Electrical Lines, 2010 the owners obligation is as given below:

"The owner shall arrange all required consents and approvals including as those form Power Telecommunication Coordination Committee (PTCC); and for civil aviation, road, river, and canal or power line crossing, way leaves and environment & forest clearances etc. from the concerned Authorities, agencies"

However, a closer look on this regulation would reveal that the section 88 in totality is applicable only for electric lines (66kV & above) and is listed as Routing of transmission lines Part- A Electric Lines (66kV and above) under Chapter V which deals exclusively with construction of electrical lines. However, no such requirement is mentioned for cables.

- 2) At the same time for electric lines (33kV & below), no requirement of PTCC clearance is mentioned in the regulations covered under Part-B, Chapter V neither for electric lines nor for cables.
- 3) However, in regulation 77 for safety by CEA "Protection against electromagnetic interference- The owner of every overhead power line of voltage level 11kV or higher shall submit proposal for obtaining Power Telecommunication Co-ordination Committee clearance to ensure safety of the personnel and telecom equipment."

From above it is very clear that no PTCC clearance is envisaged for electric cables as per CEA regulations and Electricity Act-2003. However, submission of route drawing and other document is required for overhead lines to respective PTCC as per voltage level applicable.

Thanking You,

H C Sharma
H C Sharma,
Head (Projects & Engineering)
TATA Power Delhi Distribution Limited
Email: hc.sharma@tatapower-ddl.com

CC: Mr. V. Venugopal,
General Manager (T) Planning,
Delhi Transco Limited,
Jhandewalan Extn, New Delhi - 110055

(for information pl.)

DGM (ad) [Signature]
is now [Signature]
11/5/18

TATA POWER DELHI DISTRIBUTION LIMITED
(A Tata Power and Delhi Government Joint Venture)
Corporate Office : NDPL House Hudson Lines Kingsway Camp Delhi - 110 009