



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

CEA Case No. : MRA-1167 / 241-243
PTCC proposal of 400 kV D/C & M/C Kharghar – Vikhroli transmission line (21.668 km)

Reference:		
S. No.	Reference No.	Dated
(i)	M/s Kharghar Vikhroli Transmission Pvt Ltd: KVTPL/20-21/17032021	17.03.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2500	31.01.2022
(iii)	Central Railway: N.153/PTCC/400kV/MAH-777	17.08.2021
(iv)	Defense: B/46937/ Sigs 7(b)/2405	02.06.2021

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom cables of BSNL and block & telecom circuits of Central Railway with respect to details furnished vide above reference (ii) & (iii) respectively has been computed. The voltages likely to be induced on paralleling telecom cables of BSNL and block & telecom circuits of Central Railway under Single Line to Ground fault condition are enclosed at Annexure-I & II respectively. The screening factors, as applicable, have been considered. Vide reference (iv) above, The Defence Authority have issued No Objection Certificate (NOC) (a copy enclosed as Annex-III).

Taking above into consideration, necessary action regarding issuance of PTCC route approval may be taken.

Encl.: As above.

माधनेश सुताप सिंह
5/4/22
Director

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL; Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	
2.	GM(S&T)	Central Railway, O/o Principal Chief Signal and Telecom Engineer, 3 rd Floor, Annex Building, CSMT Mumbai – 400001	Annex-II only
3.	M/s Kharghar Vikhroli Transmission Pvt Ltd	AEMI, Opp SEEPZ Gate No. 3, JVLR, Goregaon (East), Mumbai – 400065	Copy for info

IV 2883
 Chan 430V

Sr. No.	Zone	AREA/MANAGER	Exch/RSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (Mtr)	LOCATION/Stretch	No of Poles effected
	Z-2	AM(MKD-CHM)	UNPK/RSU	Primary	1	2000	2000	UNION PARK EXCH - CHEMBUR MAKA	4
	Z-2	AM(MKD-CHM)	UNPK/RSU	Primary	1	2000	2500	UNION PARK EXCH - CHEMBUR RAILWAY STATION	3
	Z-2	AM(MKD-CHM)	UNPK/RSU	Primary	1	2000	2000	UNION PARK EXCH - CHEMBUR CAMP	6
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	800	1200	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	2400	1500	Chembur	5
	Z-2	AM(MKD-CHM)	CHM	PIJF	3	2000	1400	Chembur	4
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	2400	1700	Chembur	5
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1200	1200	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	2000	1100	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1200	1500	Chembur	2
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	2000	1000	Chembur	4
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	800	1400	Chembur	2
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1200	1700	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	2000	1200	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1200	1100	Chembur	2
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	2200	1500	Chembur	4
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1200	1200	Chembur	2
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1600	1500	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1200	1400	Chembur	2
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	1300	1700	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	800	1200	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PIJF	1	2000	1100	Chembur	3

Praveen

With reference to the above mentioned
 work order No. 1234567890
 dated 10/10/2023 issued by
 the Chief Engineer, Railway
 Section, Chennai. The work
 is being carried out by
 the concerned staff of the
 Railway Section, Chennai.
 The work is being completed
 on 10/10/2023.

IV less than
480 V

Protect
 THE DIRECTOR GENERAL OF POWER SUPPLY
 GOVT. ENGINEERING COLLEGE, COIMBATORE

Sr. No.	Zone	AREA MANAGER	Exp./RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/Stretch	No of Piliars effected
	Z-2	AM(MKD-CHM)	CHM	PUF	1	2000	2500	Chembur	4
	Z-2	AM(MKD-CHM)	CHM	PUF	1	1600	1800	Chembur	4
	Z-2	AM(MKD-CHM)	CHM	PUF	1	800	1100	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PUF	1	2000	1700	Chembur	3
	Z-2	AM(MKD-CHM)	CHM	PUF	1	1200	1200	Chembur	2
	Z-2	AM(MKD-CHM)	CHM	PUF	1	2000	1100	Chembur	5
	Z-2	AM(MKD-CHM)	CHM	PUF	1	2000	1200	Chembur	4
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1100	Chedda Nagar	2
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1500	Chedda Nagar	2
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1400	Chedda Nagar	2
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1700	Chedda Nagar	2
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1700	Chedda Nagar	3
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1200	PLL	2
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1100	PLL	2
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1500	PLL	3
	Z-2	AM(MKD-CHM)	PLL	PUF	1	1600	1400	PLL	2
	Z-2	AM(GRP-RWJ)	HINGSWALA RSU	Primary	16	2000	1300	90 Ft rd via M G ROAD TILAK ROAD R B Melitar Rd VALLABH Baug Lane and Hingwala Lane	38
	Z-2	AM(GRP-RWJ)	ARODIA MAGAR RS	Primary	7	2000	1300	90 Ft rd Burdwar Nath Pd rd and Railway Cfts Sarvata Colony	19
	Z-2	AM(GRP-RWJ)	GRP Exch.	Primary	3	to 2400 pair c	3000	GRP Exch. To Kiral Rd. Vidhyayohar (W)	6
	Z-2	AM(GRP-RWJ)	GRP Exch.	Primary	1	2000 pair cabl	4000	GRP Exch. To Nethan Rd. S. Premiere Rd. Vidhyayohar (W)	3
	Z-2	AM(GRP-RWJ)	GRP Exch.	Primary	4	to 2400 pair c	4000	GRP Exch. To JM/M Rd., Itirani	11
	Z-2	AM(GRP-RWJ)	GRP Exch.	Primary	5	to 2400 pair c	5000	GRP Exch. To Link Rd. Salmaba	14

Sr. No.	Zone	AREA MANAGER	Exch/RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ Street	No of Piliars affected
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	2	to 2400 pair c	4000	GRP Exch. To Marayan Nagar & Asapha, LBS Rd.	6
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	2	2400 pair cable	3000	GRP Exch. To Ching Nagar & Azad Nagar, LBS Rd.	3
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	2	400 pair cable	3000	GRP Exch. To Kamani, LBS Rd.	4
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	3	to 2400 pair c	3000	GRP Exch. To Jagdish Nagar & Rifle range, Solihar Rd.	6
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	4	200 pair cable	4000	GRP Exch. To Banu Nagar & Bhatwadi	12
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	4	to 2400 pair c	2000	GRP Exch. To M. G. Rd.	4
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	7	to 2400 pair c	4000	GRP Exch. To Siniath Nagar, Gangawadi	12
Z-2		AM(GRP-PWJ)	GRP Exch.	Primary	2	to 2400 pair c	3000	GRP Exch. To Jagruti Nagar, Asapha Village	4
Z-2		AM(GRP-PWJ)	Deep Plaza RDLU/KF	Primary	1	4000 pair cable	4000	Deep Plaza RDLU to Kurba bus depot	6
Z-2		AM(GRP-PWJ)	Deep Plaza RDLU/KF	Primary	1	4000 pair cable	4000	Deep Plaza RDLU to Marazani Indh Estate	8
Z-2		AM(GRP-PWJ)	Deep Plaza RDLU/KF	Primary	1	6000 pair cable	4000	Deep Plaza RDLU to Sheetal cinema	6
Z-2		AM(GRP-PWJ)	Deep Plaza RDLU/KF	Primary	1	2000 pair cable	5000	Deep Plaza RDLU to Neza Hotel, Kamani	5
Z-2		AM(GRP-PWJ)	600 Hill RSU	Primary	9	to 2400 pair c	2500	LBS Marg, Gaudre Hill RSU to Kalpataru Aug CHS, LBS Marg, Ghadkoper (W)	11
Z-2		AM(GRP-PWJ)	NNGR	Primary	7	to 2400 pair c	2750	From Anur nagar, Circle to Shreyas Signal, LBS Marg, Ghadkoper (W)	16
Z-2		AM(GRP-PWJ)	Powal Main	Primary	10	to 2400 pair c	1500	LBS Marg, Gandhi Nagar Junction to Vihar West upto Harshard Mill Compound	15
Z-2		AM(GRP-PWJ)	Powal Main	Primary	3	to 2400 pair c	2100	LBS Marg, Gandhi Nagar Junction to Kanjur Marg, West upto Gundecha Allura Society	7
Z-2		AM(GRP-PWJ)	Powal Main	Primary	5	to 2400 pair c	1100	Gandhi Nagar Junction to IIT Main Gate Signal	11
Z-2		AM(GRP-PWJ)	Powal Main	Primary	7	to 2400 pair c	1800	Gandhi Nagar Junction to Kanjur Marg East	10
Z-2		AM(GRP-PWJ)	TM RSU (Hiranand)	Primary	2	to 2000 pair c	6000	CETTM RSU Main Street, Hiranandani To Powal Plaza, IIT Main Gate Signal, UBI Ramburg	5
Z-2		AM(GRP-PWJ)	TM RSU (Hiranand)	Primary	2	to 2000 pair c	2000	CETTM RSU Main Street, Hiranandani To B G House Hiranandani, Kensington, Uding, Hiranandani	7
Z-2		AM(GRP-PWJ)	TM RSU (Hiranand)	Primary	2	to 2000 pair c	3000	CETTM RSU Main Street, Hiranandani To Park Mount, Lake Castel	8
Z-2		AM(GRP-PWJ)	TM RSU (Hiranand)	Primary	2	to 2000 pair c	4000	CETTM RSU Main Street, Hiranandani To Panchnagar, Pawarwadi, Vijay Vihar, Postone, colony, MHADA	6

IV less than
430V

Protect

PROTECT
 THE SUPPLY SYSTEMS
 FROM OVERHEATING, OVERLOADING
 AND SHORT CIRCUITING / S.C.A.
 BY THE USE OF PROTECTIVE DEVICES
 SUCH AS FUSES, CIRCUIT BREAKERS
 AND DIFFERENTIAL PROTECTIVE DEVICES
 IN THE SUPPLY SYSTEMS OF INDIA
 AND ABROAD / NEW DELHI

Sr. No.	Zone	AREA MANAGER	Exch./BSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (Mtr)	LOCATION/ Stratch	No of Pillars effected
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	3000	Saklnaka Exchange to Khairani Road	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	1000	Khairani Road to Pillars 0514, 0515	2
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2400	1000	Saklnaka Exchange to Saklnaka Junction	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	1000	Saklnaka Junction to Ghatkoper link road	1
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	700	Saklnaka Junction to Keshav puram 0902	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	500	Ghatkoper link road to 90 ft road	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	2000	ghatkoper link road to pillars 0901, 0903, 0905, 0906	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2400	2000	saklnaka exchange to kajupada junction	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	500	kajupada junction to pillar 0410	1
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	500	kajupada junction to kajupada pipeline road	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	800	kajupada pipeline road to pillars 0702, 0705, 0704	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	3500	Saklnaka Exchange to Khairani Road	3
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	1500	Khairani Road to Pillars 0512, 0513, 0603	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	3000	Saklnaka Exchange to Mittal Industrial Estate	3
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	1000	to pillars 0201, 0205, 0206, 0211	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	1000	Saklnaka Exchange to Saklnaka Junction	4
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1200	400	saklnaka Junction to mittal estate	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	700	mittal estate to pillars 0202, 0209	2
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	300	saklnaka Junction to pillar 0501	1
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2400	1800	Saklnaka Exchange to Ghatkoper Link Road	
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	2000	to pillars 0307, 0308, 0309, 0310, 0311, 0312	6
	Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2400	500	Saklnaka Exchange to A K Road	

IV less than
430 V

Prateek

प्रतिक शिवाजी
राज्यक निदेशक-1
केंद्रीय विद्युत प्रकल्प मंडळ, ए. ए. ए.
विद्युत भारताचे/महाराष्ट्र राज्य विद्युत
भारत राज्य/राज्य विद्युत मंडळ
ए. ए. ए. मंडळ/नवी दिल्ली

IV less than
430V

Sr. No.	Zone	AREA MANAGER	Exch./XSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (mtr)	LOCATION/ Stretch	No of Poles effected
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	400	on A.K road	5	
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	2000	to pillars 0508, 0509, 0510, 0511, 0512	3	
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	2000	Sakinaika Exchange to Manoj cooperative		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	1100	Manoj cooperative to pillars 0105, 0106, 0108		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	3000	Sakinaika Exchange to Manoj Helta		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	500	manoj Helta to pillars 0102, 0103, 0104		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	1000	Sakinaika Exchange to A.K road		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	2500	to pillars 0505, 0507, 0502, 0503		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	1000	Sakinaika exchange to kajupada junction		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	2500	to pillars 0701, 0706, 0707		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	1000	Sakinaika Exchange to A.K road		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	2000	A.K road to pillars 0101, 0107, 0109		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	200	Sakinaika Exchange to Jai man road		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	1000	Jai man road to Jai man		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	200	to pillars 0401, 0402, 0407		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	500	Sakinaika Exchange to gurumanak industrial		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	700	Gurumanak industrial to salee pool		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	2500	to pillars 0403, 0404, 0408		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	1600	200	Sakinaika Exchange to Khatrani Road		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	800	1000	Khatrani road LI		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	3000	to pillars 0616, 0617, 0619, 0606		
Z-3	AM(MRL/SKV)	SAKINAKA	Primary	1	2000	3000	Sakinaika Exchange to Khatrani Road		

Prateek

प्रतिक शर्मा/प्रो. ए. एस. शर्मा
 सहायक निदेशक/असि. इंजीनियर
 कक्षा निदेशक/असि. इंजीनियर/सा. अ. निदेशक/मंत्रालय, भारत सरकार
 नई दिल्ली/भारत

Sr. No.	Zone	AREA MANAGER	ENR/RSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (Mtr)	LOCATION/ Stretch	No of Piliars effected
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	800	2000	to pillars 0621, 0621, 0618	3
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	2000	3000	Sakinaka Exchange to Khairani Road	
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	800	1000	to pillars 0601, 0602, 0605	3
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	2000	2500	Sakinaka Exchange to Khairani Road	
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	800	1200	to pillars 0603, 0604, 0607	3
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	2000	200	Sakinaka Exchange to A K road	
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	800	300	to sudasthan hotel	
	Z-3	AM(MRL/SIV)	SAKINAKA	Primary	1	800	800	to pillar 0406, 0405, 0409	3
	Z-5	AM(MULUND)	BHANDUP VILLAGE	Primary	12	2000	3400		
	Z-5	AM(MULUND)	BHANDUP VILLAGE	Primary	1	1800	500		
	Z-5	AM(MULUND)	BHANDUP VILLAGE	Primary	1	1200	700		
	Z-5	AM(MULUND)	BHANDUP BTM	Primary	22	200	5900		35
	Z-5	AM(MULUND)	BHANDUP BTM	Primary	1	1800	360		
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	560	SEC-9, SEC-10 AND SEC-15	53
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	290	SEC-9	3
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	280	SEC-9A AND SEC-16	2
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	800	760	SEC-25	1
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	440	SEC-9 AND SEC-9A	2
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	650	SEC-9, SEC-9A, SEC-10, SEC-11 AND SEC-12	3
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1200	SEC-18	9
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	1220	SEC-10	2
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1200	SEC-19	2

IV less than 430V

Protect
 THE ELECTRICAL ENGINEER HAS TO BE RESPONSIBLE FOR THE PROTECTION OF THE CABLES FROM THE EFFECTS OF LIGHTNING AND OTHER CAUSES OF DAMAGE. THE ELECTRICAL ENGINEER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE CABLES FROM THE EFFECTS OF LIGHTNING AND OTHER CAUSES OF DAMAGE.

Sl. No.	Zone	AREA MANAGER	Exch./SU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (mts)	LOCATION/ Stretch	No of Pillars effected
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	280	SEC-9, SEC-9A AND SEC-10	4
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	750	SEC-10 AND SEC-15	6
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1460	SEC-12, SEC-14 AND SEC-29	7
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	1230	SEC-14, SEC-15, SEC-16 AND SEC-16A	8
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	180	SEC-18	1
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	1360	SEC-14, SEC-15, SEC-16 AND SEC-16A	6
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	180	SEC-14, SEC-15, SEC-16 AND SEC-16A	6
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	560	SEC-9, SEC-9A, SEC-10 AND SEC-11	6
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1200	SEC-9	1
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	550	SEC-9, SEC-9A, SEC-10, SEC-10A, SEC-11, SEC-12, AND SEC-14	9
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	160	SEC-16 AND SEC-16A	6
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	400	SEC-17	4
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	400	SEC-17	3
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	720	SEC-17	4
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	360	SEC-17	7
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	400	SEC-17	4
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	200	SEC-17	4
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	560	SEC-9, SEC-9A, SEC-10, SEC-11 AND SEC-12	6
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	780	SEC-14, SEC-15, AND SEC-19	9
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1100	SEC-19	2
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	780	SEC-15 AND SEC-28	5

IV less
than 430V

Noted
 प्रमुख अधिकारी/प्रशासक/सुपरवाइजर
 वायुमंडल विभाग-11/एएस, डिप्टी-सी
 एनटी प्रोवाइडर/सी.ए.ए.
 प्रमुख अधिकारी/अधीनस्थ, विभाग
 एनटी प्रोवाइडर/सी.ए.ए.
 एनटी प्रोवाइडर/सी.ए.ए.

Sr. No.	Zone	AREA MANAGER	Exch/RSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (Mtr)	LOCATION/ Stretch	No of Pillars effected
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	1500	SEC-19 AND SEC-29	4	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1000	SEC-14 AND SEC-29	9	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	1710	SEC-10 AND SEC-29	2	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	800	1100	SEC-28	3	
Z-5	AM(VASHI)	SANPADA	PRIMARY	3	2000	1000	Zudha Bhakar Opp. Pasnik Bank Rd. Sec. 4 Sanpada	15	
Z-5	AM(VASHI)	SANPADA	PRIMARY	2	2000	500	Golden Palace Pillar. Sec. 5 Sanpada	11	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	3	2000	1500	Bhujnina Cosartica, palin beach rd. Sec. 15 Sanpada	6	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	4	800	400	Center One Mill Sec 30 Vashi	2	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	2	1600	650	Balaji Towers Sec 30 Vashi	2	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	1	400	175	Havare Farnalin sec 30 Vashi (direct)	0	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	3	100	150	Wadhvi BSEL Tech Park sec 30 Vashi (direct)	0	
Z-5	AM(VASHI)	VSI Sec 7	PRIMARY	3	2000	2000	Gashy Building Sec 2 Vashi	5	
Z-5	AM(VASHI)	VSI Sec 7	PRIMARY	4	2000	600	F Type Market Sec 6 Vashi	30	
Z-5	AM(VASHI)	TURBHE	Primary	2	3,200	4000	Pavane MIDC	5	
Z-5	AM(VASHI)	TURBHE	Primary	2	800	4000	Pavane MIDC	5	
Z-5	AM(VASHI)	TURBHE	Primary	1	1200	2500	IP Junction shirone	3	
Z-5	AM(VASHI)	TURBHE	Primary	1	400	1000	Gerg company Mfnc TRB	1	
Z-5	AM(VASHI)	TURBHE	Primary	1	2000	3000	Indira nagar	1	
Z-5	AM(VASHI)	TURBHE	Primary	1	400	1500	Amine and plastic MIDC TRB	2	
Z-5	AM(VASHI)	TURBHE	Primary	1	1200	1800	Punk TRB store MIDC	3	
Z-5	AM(VASHI)	TURBHE	Primary	1	400	500	Fish Market TRB	1	
Z-5	AM(VASHI)	TURBHE	Primary	1	400	2800	Lubrical Mfnc	1	

IV less than 430V

Khater

उत्तम अहिर / उत्तम अहिर
 राजेश प्रभु / राजेश प्रभु
 अशोक शिंदे / अशोक शिंदे
 विद्युत विभाग / विद्युत विभाग
 महाराष्ट्र शासन / महाराष्ट्र शासन

Sr. No.	Zone	AREA MANAGER	Exch./RSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (mtr)	LOCATION/ Stretch	No of Pllars effected
	Z-5	AM(VASHI)	TURBHE	Primary	1	2000	4000	Khisme Midc	3
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	500	Khisme Midc Nr CETP Plot	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	650	Khisme Midc Nr NEDC cold storage	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	300	Khisme midc Nr HK Electrical	1
	Z-5	AM(VASHI)	EL ZONE RSU	Primary	1	400	400	NR EL-87	1
	Z-5	AM(VASHI)	EL ZONE RSU	Primary	1	400	1000	global electronics EL Zone	1
	Z-5	AM(VASHI)	EL ZONE RSU	Primary	1	400	200	Gold star EL zone	1
	Z-5	AM(VASHI)	EL ZONE RSU	Primary	1	400	150	Near EL Zone RSU	1
	Z-5	AM(VASHI)	EL ZONE RSU	Primary	1	1200	400	EL Zone EL-87	1
	Z-5	AM(VASHI)	EL ZONE RSU	Primary	1	2000	200	Netco EL zone	1
	Z-5	AM(VASHI)	Rebale	Primary	1	1200	650	Nr goandevi Mandir, Dny R-855, Gochiyall Gan	1
	Z-5	AM(VASHI)	Rebale	Primary	1	1200	500	Deepal, Bhushan hotel, Ghansool Sect-6	3
	Z-5	AM(VASHI)	Rebale	Primary	1	1200	650	Blindal Society, Patel Dairy	3
	Z-5	AM(VASHI)	Rebale	Primary	1	1200	800	Reliance Gate No-7, DAV School Parijat Society	2
	Z-5	AM(VASHI)	Rebale	Primary	1	2000	550	Alroil Circle, Dominos Pizzeria	4
	Z-5	AM(VASHI)	MBP	Primary	3	200	500		2
	Z-5	AM(VASHI)	MBP	Primary	1	1200	500		1
	Z-5	AM(VASHI)	MBP	Primary	1	400	300	Jhumska bhakar, pillar no 0312	1
	Z-5	AM(VASHI)	MBP	Primary	1	400	100	Pillar no-0314, near A781	1
	Z-5	AM(VASHI)	MBP	Primary	1	400	20	Rapra pillar, near Rapra company	1
	Z-5	AM(VASHI)	MBP	Primary	1	400	100	Sector-3, pillar-10109	1
	Z-5	AM(VASHI)	MBP	Primary	1	400	316	Remada pillar-10102, near Remada hotel.	1

IV less than
420 V

Prateek

प्रतिक श्रीवास्तव / PRATEEK SHrivASTAVA
 सहायक निरीक्षक-II / ASST. DIRECTOR-II
 क्षेत्रीय विद्युत निरीक्षण/क्षेत्र/ए.ए.
 विद्युत भारता/Ministry of Power
 भारत सरकार / GOVT. of India
 नई दिल्ली / New Delhi

Sr. No.	Zone	AREA MANAGER	Exch/ASU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ Stretch	No of Pillars affected
2-5		AM(VASHI)	MBP	Primary	1	400	50	MDC pillar-10304, Near MDC office.	1
2-5		AM(VASHI)	MBP	Primary	1	400	1000	Graten pillar-near A 220	1
2-5		AM(VASHI)	MBP	Primary	1	400	3000	The pillar, near A412	1
2-5		AM(VASHI)	MBP	Primary	1	400	1000	shiv krupa pillar, Shiv krupa hotel	1
2-5		AM(VASHI)	MBP	Primary	1	400	500	Technology pillar, near Technology under bridge	1
2-5		AM(VASHI)	MBP	Primary	1	800	104	MBP to Ashirwad hotel, pillar no-0101	
2-5		AM(VASHI)	MBP	Primary	1	800	1458	MBP to Hazwano, MBP	
2-5		AM(VASHI)	MBP	Primary	1	800	2270	MBP to Fire station	
2-5		APMC	APMC	Primary	5	2000	5000	Janta Market Sec-22, Sec-19E and Sec26	16
2-5		AM(VASHI)	APMC	Primary	4	2000	2400	Sec24 & Sec19	20
2-5		AM(VASHI)	KKR	Primary	5	2000	6000	Sector-1, 2, 3, 4, 14, 16, 17, 18, 19, 20, 22, 23	20
2-5		AM(VASHI)	KKR	Primary	4	2000	2400	Sector-4, 5, 6, 7, 8, 11, 12, 19C	15
2-5		AM(VASHI)	KKR	Primary	1	1600	1200	Sector 9, 10, 11	3
2-5		AM(VASHI)	KKR	Primary	1	1600	600	BALAN GARDEN	3
2-5		AM(BELAPUR)	Kalamboli	Primary	3	200	3500	KLE sectors, Sect-0, Phd 584, IWC, steel market	4
2-5		AM(BELAPUR)	Kalamboli	Primary	1	400/400/400	500	KL 5/32 sector 3E	4
2-5		AM(BELAPUR)	Kalamboli	Primary	2	400/400	400	KL 5/32 sector 4E, avertest	1
2-5		AM(BELAPUR)	Kalamboli	Primary	1	400	500	steel, digma, bhima	3
2-5		AM(BELAPUR)	Kalamboli	Primary	1	400	600	Bhima complex	1
2-5		AM(BELAPUR)	Kalamboli	Primary	1	400	520	KL E/6 sector 3E	2
2-5		AM(BELAPUR)	Kalamboli	Primary	1	800	900	KLE E/8 sector 3	3
2-5		AM(BELAPUR)	Kalamboli	Primary	1	1200	2000	Ewest Tower sector 4	2
2-5		AM(BELAPUR)	Kalamboli	Primary	1	2000	1000	Sector 1, 2, 3, 4, krishana petrol pump	4
2-5		AM(BELAPUR)	Kalamboli	Primary	1	200	400	sector 13, 16, steel market, Kichpada	2
2-5		AM(BELAPUR)	Kalamboli	Primary	1	800	500	fish, dhia	2
2-5		AM(BELAPUR)	Talaja	Primary	1	400*3	5000	Bhara, dhama	3
2-5		AM(BELAPUR)	Talaja	Primary	1	400	6000	Talaja village, dda bank, panch, abepath, capax	3
2-5		AM(BELAPUR)	Talaja	Primary	1	400	700	despar, fular, namimor, dea top, asa glass	3
2-5		AM(BELAPUR)	Talaja	Primary	1	200	500	patam	1
2-5		AM(BELAPUR)	Talaja	Primary	3	400	600	talaja village mangoli-	1
2-5		AM(BELAPUR)	Talaja	Primary	2	800	5000	Kesav, Jilla, belmatel, TMA	2
2-5		AM(BELAPUR)	Talaja	Primary	2	800	2000	nevrpalia, talia village	1
2-5		AM(BELAPUR)	Talaja	Primary	2	800	2000	psp, abepath, bel	1

IV less than
480 V

Prateek

प्रतिष्ठान
राज्य प्रमुख-1/असिस्ट. डायरेक्टर-II
राज्य विद्युत आपूर्ति/स.प.अ.
राज्य विद्युत/आयुधायीय विद्युत
सर्वेक्षण/सिस्टम/नॉन टर्मिनल

Sr. No.	Zone	AREA MANAGER	RSU/RSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (Mtr)	LOCATION/Stretch	No. of Pillars affected
	Z-5	AM(BELAPUR)	KHARGHAR	Primary	1	2000/0.4 JF (U.6), 1600, 1200, 800 & 400 PHE	3500	KCR Each to Sec-06 (PDS02 Allahabad Bank), Sec-05 (PDS03 Reserve Bank), Sec-04 (PDS05 Asha Band), Sec-11 (PDS10 opp Syndicate bank), Sec-03 (PDS09 In front YAT Hospital), Sec-07 (PDS01 Patel Heritage, PDS02 Hiramandir), Sec-02 (PDA01 Sal Saver), Sec-08 (PDS02 Bhoomi Heights), Sec-20 (PDS07 Machhi Mkt, PDS03 Jhanyu, PDS04 Yash Tower), Sec-19 (PDS108 Pignary Chhat)	13
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	2000/0.4 JF (U.13)	1600	Serving Pillars 409, 401, 308, 310, 201, 204, 205	7
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	2000/0.4 JF (U.12)	1800	Serving Pillars 416, 403, 404, 405, 410, 411, 412, 413	8
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.5 JF (U.13)	560	Serving Pillars 402, 417	2
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.5 JF (U.4)	1400	Serving Pillars 101, 108, 105	3
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.5 JF (U.15)	1600	Serving Pillars 403, 406, 410, 411	4
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.5 JF (U.6)	750	Serving Pillars 401, 301, 303	3
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.5 JF (U.7)	1500	Serving Pillars 101, 102, 103, 104, 204	5
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	2000/0.4 JF (U.8)	1700	Serving Pillars 308, 303, 201, 204, 210, 105, 109	7
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	2000/0.4 JF (U.9)	1500	Serving Pillars 421, 409, 412, 501	4
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	2000/0.4 JF (U.10)	1500	Serving Pillars 101, 202, 203, 205, 102, 105, 107	4
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.5 JF (U.13)	2000	Serving Pillars 408, 409, 407	3
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1600/0.4 JF (U.12)	1800	Serving Pillars 404, 405, 202, 309, 410, 411, 412, 413, 414	9
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.4 JF (U.13)	1500	Serving Pillars 101, 102, 103, 105, 106, 107, 107	7
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.5 JF (U.14)	1500	Serving Pillars 301	1
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1200/0.4 JF (U.15)	1800	Serving Pillars 411, 416, 412, 414	4
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1600/0.4 JF (U.16)	4200	Serving Pillars 302, 422, 419, 420	4
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1600/0.4 JF (U.17)	1800	Serving Pillars 401, 102, 103, 104, 105, 106, 107, 301	8
	Z-5	AM(BELAPUR)	CRD BELAPUR	Primary	1	1600/0.4 JF (U.18)	1600	Serving Pillars 205, 203, 207, 205	4
	Z-5	AM(BELAPUR)	Pank Hill RSU	Primary	1	2000/0.4 JF (U.01)	1400	Serving Pillars 103, 104	2
	Z-5	AM(BELAPUR)	Pank Hill RSU	Primary	1	2000/0.4 JF (U.02)	1600	Serving Pillars 101, 102, 105	3
	Z-5	AM(BELAPUR)	Vanshree RSU	Primary	1	2000/0.4 JF (U.03)	2000	Serving Pillars 101, 102, 103, 104, 105	5

TV less than
430V

Prateek

श्रीकेश शर्मा
सहायक निरीक्षक-II/Asstt. Director-II
केन्द्रीय विद्युत निरीक्षण/ C.E.A.
विद्युत मंत्रालय/Ministry of Power
सर्वोच्च निरीक्षण/ Govt. of India
एन 100/एन 100/एन 100

ANNEXURE - II

CEA Case No.: MRA-1167 Name of the Power line: 400 kV D/C & M/C Kharghar - Vikhroli transmission line			Map Scale : 1 cm=500 m Total Length : 21.668 km S.R. Value : 20,000 Ω-cm		
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.

CENTRAL RAIWAY Ref. No: N.153/PTCC/400kV/MAH-777		Dated: 17.08.2021			
Affected Blocks & Telecom Circuits Details					
Sion - Nahur Section					
1	Sion - Kurla	Out of parallelism			0
2	Kurla - Vidyavihar	Out of parallelism			0
3	Vidyavihar - Ghatkopar	0.3	0.0002	12000	2
4	Ghatkopar - Vikhroli	1.2	0.0038	13000	49
5	Vikhroli - Kanjurmarg	Out of parallelism			0
6	Kanjurmarg - Bhandup	Out of parallelism			0
7	Bhandup - Nahur	Out of parallelism			0
Wadala Rd - Panvel Section					
1	Wadala Rd - Ravli Jn	Out of parallelism			0
2	Ravli Jn - Guru Teg Bahadur Nagar	Out of parallelism			0
3	Guru Teg Bahadur Nagar - Chunabhati	Out of parallelism			0
4	Chunabhati - Kurla	Out of parallelism			0
5	Kurla - Tilak Nagar	Out of parallelism			0
6	Tilak Nagar - Chembur	1.0	0.0008	12000	10
7	Chembur - Govandi	0.6	0.0006	11000	7
8	Govandi - Mankhurd	2.4	0.0037	10000	37
9	Mankhurd - Vashi	6.0	0.0092	7500	69
10	Vashi - Sanpada	0.5	0.0012	8000	10
11	Sanpada - Jui Nagar	0.8	0.0013	8200	11
12	Jui Nagar - Nerul	2.0	0.0059	9000	53
13	Nerul - Seawoods	1.8	0.0022	9500	21

Prabesh

प्रमुख अभियंता/PRINCIPAL ENGINEER
सहायक निदेशक-II/Asst. Director-II
केन्द्रीय विद्युत प्राधिकरण/C.E.A.

ANNEXURE - II

CEA Case No.: MRA-1167 Name of the Power line: 400 kV D/C & M/C Kharghar - Vikhroli transmission line		Map Scale : 1 cm=500 m Total Length : 21.668 km S.R. Value : 20,000 Ω-cm			
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
14	Seawoods - Belapur	1.3	0.0018	10000	18
15	Belapur - Kharghar	2.3	0.0054	11000	59
16	Kharghar - Mansarovar	Out of parallelism			0
17	Mansarovar - Khandeshwar				0
18	Khandeshwar - Panvel				0
Kurla - Trombay Section					
1	Kurla - Trombay	4.5	0.0006	12000	7
Airoli - Sanpada Section					
1	Airoli - Rabale	Out of parallelism			0
2	Rabale - Ghansoli				0
3	Ghansoli - Kopar Khairane				0
4	Kopar Khairane - Turbhe	1.75	0.0007	8000	6
5	Turbhe - Sanpada	0.7	0.0009	8000	7
Panvel - Nilaje Section					
1	Panvel - Kalamboli	1.25	0.0002	13000	3
2	Kalamboli - Taloje	1.9	0.0003	12500	4
3	Taloje - Nilaje	Out of parallelism			0
Panvel - Jasai					
1	Panvel - Dapoli	0.8	0.0001	11000	1
2	Dapoli - Jasai	0.4	0.0001	10000	1

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प्रदीप श्रीवास्तव / PRATEEK SHRIWASTAVA
 सहायक निदेशक-II / Asst. Director-II
 केन्द्रीय विद्युत प्राधिकरण / C.E.A.
 विद्युत मंत्रालय / Ministry of Power
 भारत सरकार / Govt. of India
 नई दिल्ली / New Delhi

MRA-1167

Annex - III

Tele : 23019746

Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of MoD, (Army)
DHQ PO, New Delhi - 110011

B/46937/Sigs 7(b)/2405/

02 Jun 2021

Kharghar Vikhroli Transmission Private Limited
Adani Corporate House, Shantigram
Nr Vaishno Devi Circle, SG Highway,
Ahmedabad-382481, Gujarat, India

**PTCC CLEARANCE FOR 400KV D/C & M/C KHARGHAR-VIKHROLI
TRANSMISSION LINE**

1. Refer your letter No KVPTL/PTTC/20-21/17032021 dt 17 Mar 2021 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheet received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.

(A Rawat)
Lt Col
GSO 1 (Comn)
for SO-in-C

Enclosures : As above

Copy to :-

✓ The Director (PTCC), CEA
Power Communication Development Division
NRPC Complex, 18-A Shaheed Jeet Singh Marg
Katwaria Sarai, New Delhi - 110016

The DET(PTCC), Northern Zone
O/o PGM (North), QA & Inspection Circle,
D-Tax Building, Eastern Court, Janpath
New Delhi-110001

for information

5/5
14/6/21