



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-1184
PTCC proposal of LILO on 220 kV Trombay – Salsette I, II, III and IV lines at Vikhroli GIS (0.398 km)

Reference:		Dated
S. No.	Reference No.	
(i)	M/s Kharghar Vikhroli Transmission Pvt Ltd.: KVTPL/21-22/290921	29.09.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2511	31.01.2022
(iii)	Central Railway: N.153/PTCC/400kV/MAH-789	09.10.2021
(iv)	Defense: B/46937/ Sigs 7(b)/2598	24.11.2021

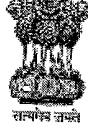
The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom cables of BSNL and block & telecom circuits of Central Railway with respect to details furnished vide above reference (ii) & (iii) respectively has been computed. The voltages likely to be induced on paralleling 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.

राधेवेंद्र प्रताप सिंह
Director 31.03.22

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



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Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

के.वि.प्रा. केस सं. : MRA-1184
पी.टी.सी.सी. प्रस्ताव LILO on 220 kV Trombay – Salsette I, II, III and IV lines at Vikhroli GIS (0.398 km)

सन्दर्भ:		
क्रमांक	सन्दर्भ सं.	दिनांक
(i)	M/s Kharghar Vikhroli Transmission Pvt Ltd.: KVTPL/21-22/290921	29.09.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2511	31.01.2022
(iii)	Central Railway: N.153/PTCC/400kV/MAH-789	09.10.2021
(iv)	Defense: B/46937/ Sigs 7(b)/2598	24.11.2021

संदर्भ (i) द्वारा प्रस्तुत पीटीसीसी प्रस्ताव की जांच की गई है। बीएसएनएल के टेलिकॉम केबलों एवं मध्य रेल के क्लॉक एवं टेलिकॉम सर्किटों पर निम्न आवृत्ति प्रेरण गणना क्रमशः उपरोक्त संदर्भ (ii) एवं (iii) में दिए गए विवरणों के संबंध में की गई है। सिंगल लाइन टू ग्राउंड फाल्ट अवस्था में समानांतर बीएसएनएल के टेलिकॉम केबलों एवं मध्य रेल के क्लॉक एवं टेलिकॉम सर्किटों पर प्रेरित वोल्टेज क्रमशः अनुलग्नक -I एवं II में संलग्न है। स्क्रीनिंग कारक का मान यथानुरूप लिया गया है। रक्षा प्राधिकरण ने उपरोक्त संदर्भ (iv) के द्वारा अनापत्ति प्रमाण पत्र जारी किया है (अनुलग्नक- III में संलग्न)।

उपरोक्त को ध्यान में रखते हुए, पीटीसीसी मार्ग अनुमोदन जारी करने के संबंध में आवश्यक कार्रवाई की जाए।

संलग्न: ऊपरोक्त अनुसार

राजेश कुमार सिंह
31.03.22
निदेशक

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

Amres - I

SR 30 000 2-cm

CEA Case No. 3 MRA-1184

IV less
- than 430V

Prateek

Asst. Director
Ministry of Power
New Delhi

Sr. No.	Zone	MUTUAL Cable Details- 220 KV Trombay Substation & IV at Vikhroli GIS Transmission Line				CABLE LENGTH (Mtr)	LOCATION / Stretch	No of Poles affected
		AREA MANAGER	EXCH/ISU	CABLE TYPE	No. of Cable			
	Z-2	AM(VIND-VDL)	SION	Primary	1	1200	3500	2
	Z-2	AM(VIND-SUB)	SION	Primary	1	1200	4500	4
	Z-2	AM(VIND-VDL)	SION	Primary	1	1200	1000	2
	Z-2	AM(VIND-VDL)	SION	Primary	1	2400	1500	3
	Z-2	AM(VIND-VDL)	SION	Primary	1	2000	1000	2
	Z-2	AM(VIND-VDL)	SION	Primary	1	2000	1500	3
	Z-2	AM(VIND-VDL)	SION	Primary	1	2000	2500	4
	Z-2	AM(VIND-CHM)	MANHURD	Primary	2	2000	1000	2
	Z-2	AM(VIND-CHM)	MANHURD	Primary	2	2000	5000	6
	Z-2	AM(VIND-CHM)	MANHURD	Primary	1	2000	5000	2
	Z-2	AM(VIND-CHM)	ASHISH ISU	Primary	1	2000	2000	32
	Z-2	AM(VIND-CHM)	ASHISH ISU	Primary	1	2000	3000	
	Z-2	AM(VIND-CHM)	ASHISH ISU	Primary	1	1200	2000	
	Z-2	AM(VIND-CHM)	ASHISH ISU	Primary	1	800	1500	
	Z-2	AM(VIND-CHM)	CHBT ISU	Primary	2	2000	1500	
	Z-2	AM(VIND-CHM)	CHBT ISU	Primary	2	2000	1500	
	Z-2	AM(VIND-CHM)	CHBT ISU	Primary	2	2000	1500	
	Z-2	AM(VIND-CHM)	ASHR ISU	Primary	2	2000	500	
	Z-2	AM(VIND-CHM)	ASHR ISU	Primary	1	2000	1000	
	Z-2	AM(VIND-CHM)	ASHR ISU	Primary	1	2000	1500	
	Z-2	AM(VIND-CHM)	ASHR ISU	Primary	1	2000	2000	
	Z-2	AM(VIND-CHM)	ASHR ISU	Primary	1	2000	1000	

Pratibha Inger Sion 914,918
Dk-08, N S Manikhar murg
Dk-09, 905,905
Dk-09, 903,909,910
Dk-09, 911,913,912
Dk-10
MARSHUID EXCH-TATA NAGAR-DEONAR MUNICIPAL COLONY
COM FACTORY-PANRPOLE- DUKES COMPANY- GOVANDI RLY BRIDGE-BMC LABRATOR- BMC M E
MANHURD EXCH-TELECOM FACTORY-BARC RLY OVER-RLY BRIDGE-PMBT COLONY
ASHISH TO DONSHI PARK-GAT 103
ASHISH TO TOLARAM COLLECTOR COLONY
ASHISH TO MYSORE COLONY
ASHISH TO MYSORE CONDOY
CHUNABHATTI - HANUNMAN MANDIR - GURUSHI NAGAR
CHUNABHATTI - HANUNMAN MANDIR - AMBIKA NAGAR
CHUNABHATTI - HANUNMAN MANDIR - LABOUR COURT
ANUSHAKTI NAGAR EXCH-ANUSHAKTI NAGAR MAIN GATE
ANUSHAKTI NAGAR EXCH-KAMET MARKET
ANUSHAKTI NAGAR EXCH-ANUSHAKTI NAGAR GATE NO. 6
ANUSHAKTI NAGAR EXCH-TROMBAY POLICE STATION
ANUSHAKTI NAGAR EXCH-RAG MALA GARDEN

IV less than
430 V

Prateek
 S. PRATEEK, TPAWA
 Sr. Asst. Engineer-II/Asst. Engineer-II
 Electrical Division, Deptt. of Power
 Govt. of India
 New Delhi

Sr. No.	Zone	AREA/MANAGER	Body/TSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH(Mtr)	LOCATION/ stretch	No of Pilers effected
Z-2		AM(MKD-CHM)	UNPK RSU	Primary	1	2000	2000	UNION PARK EXCH - CHEMBUR NAKA	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	PIF	1	800	1200	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	2400	1500	Chembur	5
Z-2		AM(MKD-CHM)	CHM	PIF	1	2000	1400	Chembur	4
Z-2		AM(MKD-CHM)	CHM	PIF	1	2400	1700	Chembur	5
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1200	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	2000	1100	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1500	Chembur	2
Z-2		AM(MKD-CHM)	CHM	PIF	1	2000	1800	Chembur	4
Z-2		AM(MKD-CHM)	CHM	PIF	1	800	1400	Chembur	2
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1700	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	2000	1200	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1100	Chembur	2
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1500	Chembur	4
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1200	Chembur	2
Z-2		AM(MKD-CHM)	CHM	PIF	1	1500	1500	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1400	Chembur	2
Z-2		AM(MKD-CHM)	CHM	PIF	1	1200	1700	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	800	1200	Chembur	3
Z-2		AM(MKD-CHM)	CHM	PIF	1	2000	1100	Chembur	4

IV less than
430 V

Pradesh

राज्य सरकार/राज्य प्रशासनिक
सहायक निदेशिका/आ.स. निदेशिका-11
संख्या पीएच प्रशासन/स.स.न.
संघीय प्रशासन/मंत्रालय of Power
संघीय प्रशासन/मंत्रालय of India
श्री १०९५/नया ब्रेड

Sr. No.	Zone	AREA MANAGER	Exch./ISU	CABLETYPE	No. of Cables	Size of CABLE	CABLE LENGTH(Mtr)	LOCATION/Stretch	No of Poles affected
	Z-2	AM(MRD-CHM)	CHM	PIUF	3	2000	1500	Chembur	4
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1800	Chembur	4
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	800	1100	Chembur	3
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	2000	1200	Chembur	3
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1200	1200	Chembur	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	2000	1100	Chembur	5
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	2000	1200	Chembur	4
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1100	Chedda Nagar	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1500	Chedda Nagar	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1400	Chedda Nagar	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1700	Chedda Nagar	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1700	Chedda Nagar	3
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1200	PLL	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1100	PLL	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1500	PLL	3
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	1600	1400	PLL	2
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	2000	1300	90 Ft. rd. via M. G. ROAD TIJAN ROAD. R. B. Mehta Rd. VALLABH Bang Lane and Hingwala Lane	38
	Z-2	AM(MRD-CHM)	CHM	PIUF	7	2000	1300	90 Ft. rd. Barrister Nath Patel and Railway One Samara Colony	19
	Z-2	AM(MRD-CHM)	CHM	PIUF	3	to 2400 pair C	3000	GRP Exch. To Viroi Rd. Vidhyawhar (W)	6
	Z-2	AM(MRD-CHM)	CHM	PIUF	1	3000 pair cable	4000	GRP Exch. To Mahani Ind. & Premiere Rd. Vidhyawhar (W)	3
	Z-2	AM(MRD-CHM)	CHM	PIUF	4	to 2400 pair C	4000	GRP Exch. To JMM. Rd., Kharani	11
	Z-2	AM(MRD-CHM)	CHM	PIUF	5	to 2400 pair C	5000	GRP Exch. To Unit Rd. Shimbha	14

IV less than 430 V

Protect

प्रदेश प्रमुख/प्रमुख, एन.ए.ए.ए.
 सहायक प्रमुख-II/Asst. Director-II
 राष्ट्रीय विद्युत प्राधिकरण/C.S.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi

Sr. No.	Zone	AREA/MANAGER	Each/RSU	CABLE TYPE	No. of Cables	Size of CABLE	CABLE LENGTH(MTR)	LOCATION/Stretch	No of Poles effected
Z-2	AM(GRP-PWI)	GRP Each.	Primary	2	to 2400 pair c	4000	GRP Each. To Narayan Nagar & Ashokha, US Rd.	6	
Z-2	AM(GRP-PWI)	GRP Each.	Primary	2	200 pair cable	3000	GRP Each. To Chitra Nagar & Anand Nagar, US Rd.	3	
Z-2	AM(GRP-PWI)	GRP Each.	Primary	2	400 pair cable	3000	GRP Each. To Kamani, US Rd.	4	
Z-2	AM(GRP-PWI)	GRP Each.	Primary	3	to 2400 pair c	3000	GRP Each. To Jagdish Nagar & Rifle ranges, Gollibar Rd.	6	
Z-2	AM(GRP-PWI)	GRP Each.	Primary	4	1000 pair cable	4000	GRP Each. To Naray Nagar & Bhalavadi	12	
Z-2	AM(GRP-PWI)	GRP Each.	Primary	4	to 2400 pair c	2000	GRP Each. To N. S. Rd.	4	
Z-2	AM(GRP-PWI)	GRP Each.	Primary	7	to 2400 pair c	4000	GRP Each. To Shanti Nagar, Ganjawaadi	12	
Z-2	AM(GRP-PWI)	GRP Each.	Primary	2	to 2400 pair c	2000	GRP Each. To Jigrit Nagar, Asapha Village	4	
Z-2	AM(GRP-PWI)	Deep Phase RDLU, KT	Primary	1	3000 pair cable	4000	Deep Phase RDLU to Gurga bus depot	6	
Z-2	AM(GRP-PWI)	Deep Phase RDLU, KT	Primary	1	1000 pair cable	4000	Deep Phase RDLU to Akarashi Ind. Estate	8	
Z-2	AM(GRP-PWI)	Deep Phase RDLU, KT	Primary	1	3000 pair cable	4000	Deep Phase RDLU to Sheela Cinema	6	
Z-2	AM(GRP-PWI)	Deep Phase RDLU, KT	Primary	1	3000 pair cable	5000	Deep Phase RDLU to Mata Hotel, Kamani	5	
Z-2	AM(GRP-PWI)	GD Hill TSU	Primary	9	to 2400 pair c	2500	US Mang. Godeji Hill RSU to Kalpana Awa CIS, US Mang. Ghalkopar (V)	11	
Z-2	AM(GRP-PWI)	NRGR	Primary	7	to 2400 pair c	2750	From Anand Nagar Circle to Sreyas Signal, US Mang. Ghalkopar (V)	16	
Z-2	AM(GRP-PWI)	Powal Main	Primary	10	to 2400 pair c	1500	US Mang. Gandhi Nagar Junction to Vikroli West upto Hareland Mill Compound	15	
Z-2	AM(GRP-PWI)	Powal Main	Primary	3	to 2400 pair c	3200	US Mang. Gandhi Nagar Junction to Banjar Mang West upto Gundeela Ahluja Society	7	
Z-2	AM(GRP-PWI)	Powal Main	Primary	5	to 2400 pair c	1100	Gandhi Nagar Junction to IT Main Gate Signal	11	
Z-2	AM(GRP-PWI)	Powal Main	Primary	7	to 2400 pair c	2800	Gandhi Nagar Junction to Banjar Mang East	18	
Z-2	AM(GRP-PWI)	TM RSU Hiranand	Primary	2	to 2000 pair c	6000	CETTM RSU Main Street Hiranandam To Powal Phase, IT Main Gate Signal, US Hiranand	5	
Z-2	AM(GRP-PWI)	TM RSU Hiranand	Primary	2	to 2000 pair c	2000	CETTM RSU Main Street Hiranandam To B G House Hiranandam, Kensington Building Hiranandam	7	
Z-2	AM(GRP-PWI)	TM RSU Hiranand	Primary	2	to 2000 pair c	3000	CETTM RSU Main Street Hiranandam To Fali Memorial Lake canal	8	
Z-2	AM(GRP-PWI)	TM RSU Hiranand	Primary	2	to 2000 pair c	4000	CETTM RSU Main Street Hiranandam To Panchsheel Power supply Vihar, Viharizations colony, MHAD	6	

IN less than 4800

Project

परीक्षक अधिकाारी, नगरपालिका, काठमाडौं
 सहायक निरीक्षक, नगरपालिका, काठमाडौं-II
 कक्षा-11 विभाग, नगरपालिका, काठमाडौं
 विद्युत मापन र नियन्त्रण विभाग, नगरपालिका, काठमाडौं
 भारत सरकार, नयाँ दिल्ली, भारत
 नई दिल्ली, भारत

Sl. No.	Zone	AREA MANAGER	Bus/BSU	CABLE TYPE	No. of Cables	Size of CABLE	CABLE LENGTH(MTR)	LOCATION/ Switch	No of Poles affected
Z-2	AM(GR-PW)	ITC (SU (Powell))	Primary	2	11 2000/0.4 PUF to 2400 PUF	6000	IT Campus area	6	
Z-2	AM(GR-PW)	Kampanwar BSU	Primary	6	2400/0.4 PUF	800	Kampanwar Nagar area	6	
Z-3	AM(BANDRA)	BNC	Primary	14	2000/0.4 PUF	12600	KURLA WEST LBS ROAD AND STATION ROAD	31	
Z-3	AM(BANDRA)	BNC	Primary	2	2000/0.4 PUF	1000	KALWA CST ROAD	6	
Z-3	AM(BFL/VR)	VUL	Primary	22	2000/0.4 PUF	25000	KALWA, SANTACRUZ (E)	44	
Z-3	AM(BFL/VR)	WTR	Primary	12	2000/0.4 PUF	4000	YAKOLA BRIDGE / WTR / SANTACRUZ (E)	20	
Z-3	AM(BML/SRV)	MAROL	Primary	8	2000/0.4 PUF	2000	Marol Exchange to Jhajar, Marol Pits Line, Chakola Metro	12	
Z-3	AM(BML/SRV)	MAROL	Primary	6	2000/0.4 PUF	3200	Marol Exchange to Marol Pits Line, Airport Metro, Lelia Hotel, ITC Maratha, Lalit Hotel	8	
Z-3	AM(BML/SRV)	MAROL	Primary	8	2000/0.4 PUF	2200	Marol to Church Road, Salfes, Prati, Delhi Colony	3	
Z-3	AM(BML/SRV)	MAROL	Primary	10	2000/0.4 PUF	1200	Marol to Konkhia, Akhanti, Vijar, Jangar MIDC	20	
Z-3	AM(BML/SRV)	MAROL	Primary	7	2000/0.4 PUF	900	Marol to Seega, MIDC, Jales	9	
Z-3	AM(BML/SRV)	MAROL	Primary	6	2400/0.4 PUF	2000	MAROL to Trishila, VERIVALU	14	
Z-3	AM(BML/SRV)	MAROL	Primary	1	1600/0.5 PUF	2500	Marol to Shiv E-Pump	1	
Z-3	AM(BML/SRV)	MAROL	Primary	5	2000/0.5 PUF	2500	Marol to Shiv E-Pump	7	
Z-3	AM(BML/SRV)	MAROL	Primary	6	2000/0.5 PUF	3000	Marol to Chakola, Salfes Road, Airport Colony, P & T Colony	14	
Z-3	AM(BML/SRV)	MAROL	Primary	4	2000/0.5 PUF	2000	Marol to Chakola	8	
Z-3	AM(BML/SRV)	MAROL	Primary	2	2000/0.5 PUF	1500	Marol to Awdelli Kulk Road, Konkhia MIDC	8	
Z-3	AM(BML/SRV)	MAROL	Primary	5	2000/0.4 PUF	2500		15	
Z-3	AM(BML/SRV)	SEEPZ ISU	Primary	2	2000/0.5 PUF	1000	SEEPZ SEZ PERMISSES	8	
Z-3	AM(BML/SRV)	Sakohar	Primary	1	1800	2600	Sakohar Exchange to Fiterpada.		
Z-3	AM(BML/SRV)	Sakohar	Primary	2	1200	2600	Sakohar Exchange to Post office, NITE		
Z-3	AM(BML/SRV)	Sakohar	Primary	1	1200	1400	Sakohar Exchange to Jalega, Vijar, Chaudhri		

Sr. No.	Zone	AREA MANAGER	Exd/NSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH(Mtr)	LOCATION/Stretch	No. of Poles affected
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	850	Substation to Lake Bloom Poval	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	2300	Substation to Lake Homes Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	1600	1300	Substation to BFS House Baheli Vihar Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	1900	1400	Substation to Anala Industrial Estate Substation	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	500	Substation to Shrihari Complex Substation	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	1700	Substation to Hillside Baheli Vihar Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	2800	Substation to Everest Heights Lake Homes Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	1600	2400	Substation to Dmart Naber Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	2	1600	1400	Substation to Beemzing Building Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	2200	Substation to NHHADA Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	2800	Substation to arid andave Naber, Chandivli	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	3100	Substation to Vinod Naber	
	Z-3	AM(MRL/SRV)	Substation	Primary	1	2000	700	Substation to L&T Gate no.5	48
	Z-3	AM(MRL/SRV)	Maroshi	Primary	4	2000	1500	Marol Maroshi to Panchsai Vihar Nager Maroshi	
	Z-3	AM(MRL/SRV)	Maroshi	Primary	2	2000	3800	Marol Maroshi to Police Camp Bhawan Nager	
	Z-3	AM(MRL/SRV)	Maroshi	Primary	2	2000	2100	Marol Maroshi to Lak Dahan Complex Maroshi	
	Z-3	AM(MRL/SRV)	Maroshi	Primary	3	2000	1900	Marol Maroshi to Nanneshal Marolli Road	
	Z-3	AM(MRL/SRV)	Maroshi	Primary	1	2000	600	Marol Maroshi to Airport Metro AK Road Andhri	26
	Z-3	AM(MRL/SRV)	SAMBHAKA	Primary	1	2000	3000	Sahibnagar Exchange to Sahibnagar Junction	
	Z-3	AM(MRL/SRV)	SAMBHAKA	Primary	1	1600	2000	Sahibnagar Junction to Kharol Road	
	Z-3	AM(MRL/SRV)	SAMBHAKA	Primary	1	800	1500	Kharol Road to Pillar 0600, 0630	2
	Z-3	AM(MRL/SRV)	SAMBHAKA	Primary	1	800	500	Sahibnagar Junction to Pillar 0506	1

IV less
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Plotted
प्रमुख अभियंता/प्रमुख प्र/अस्था
सहायक निदेशक-II/असि. डायरेक्टर-II
राज्यीय विद्युत प्रणाली/स.ई.ए.
विद्युत भारदाय/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi

Sr. No.	Zone	AREA MANAGER	Each/ISU	CABLE TYPE	No. of Cables	SIZE OF CABLE	CABLE LENGTH(Mtr)	LOCATION/Stretch	NO OF PILLARS affected
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	1600	8000	Sakinaia Exchange to Khatiani Road	2
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	3000	Khatiani Road to Pillars 0214, 0215	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	2400	1000	Sakinaia Exchange to Sakinaia Junction	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	2000	1000	Sakinaia Junction to Ghataker Link road	1
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	700	Sakinaia Junction to Jallah puram 0802	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	1600	500	Ghataker link road to 30 ft road	4
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	2000	ghataker link road to pillars 0201, 0202, 0205, 0206	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	2400	2000	sakinaia exchange to kaljupada junction	1
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	500	Kaljupada junction to pillar 0210	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	1600	500	Kaljupada junction to kaljupada pipeline road	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	800	Kaljupada pipeline road to pillars 0702, 0705, 0704	3
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	1600	3500	Sakinaia Exchange to Khatiani Road	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	1500	Khatiani Road to Pillars 0212, 0213, 0609	3
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	2000	3000	Sakinaia Exchange to Mittal Industrial Estate	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	1000	to pillars 0201, 0203, 0208, 0211	4
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	2000	1000	Sakinaia Exchange to Sakinaia Junction	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	1200	400	sakinaia Junction to mittal estate	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	700	mittal estate to pillars 0202, 0209	2
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	300	sakinaia Junction to pillar 0201	1
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	2400	1800	Sakinaia Exchange to Ghataker Link Road	
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	800	2000	to pillars 0907, 0908, 0909, 0910, 0911, 0912	6
	Z-3	AM(O&RL/S&V)	SARINAKA	Primary	1	2400	500	Sakinaia Exchange to A.K. Road	

IV less
than 430V

Proketa

प्रदीप श्रीवास्तव/ASST. COMMISSIONER
राज्यक नियंत्रक-II/Asstt. Director-II
केन्द्रीय विद्युत प्राधिकरण/C.E.A.
विद्युत मंत्रालय/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi

Sr. No.	Zone	AREA MANAGER	Each/TSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH(Mtr)	LOCATION/ stretch	No of Pillars attached
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	1800	400	on A.K road	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	2000	to pillars 0508, 0509, 0510, 0511, 0512	5
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	2000	Sakinaka Exchange to Mohd cooperative	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	1100	Micro cooperative to pillars 0105, 0106, 0108	3
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	3000	Sakinaka Exchange to Micro Naka	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	800	micro naka to pillars 0102, 0103, 0104	3
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	500	Sakinaka Exchange to A.K road	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	1000	to pillars 0505, 0507, 0502, 0503,	4
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	2000	sakinaka exchange to hajirpada junction	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	800	to pillars 0704, 0706, 0707	3
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	2500	Sakinaka Exchange to A.K road	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	1000	A.K. road to pillars 0101, 0107, 0109	3
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	1000	Sakinaka Exchange to Jai mrai road	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	1500	200	Jai mrai road to jai mrai	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	1000	to pillars 0401, 0402, 0407	3
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	200	Sakinaka Exchange to gunanank industrial	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	1600	500	gunanank industrial to safer pool	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	700	to pillars 0403, 0404, 0408	3
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	2500	Sakinaka Exchange to Kshairani road	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	1600	200	Kshairani road U	
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	800	1000	to pillars 0516, 0517, 0519, 0506	4
	Z-3	AM(MRL/SRV)	SAKINAKA	Primary	1	2000	3000	Sakinaka Exchange to Kshairani road	

2V less than
430 ✓

Planned

प्रतिक शीतल/प्रतिक/सर्वोत्तम
सहायक निदेशक-II/Asst. Director-II
केंद्रीय विद्युत निदेशक/C.E.A.
विद्युत विभाग/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi

9V less
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ANALYST

एन.ए.सी. / एन.डी.डी. / एन.डी.डी. / एन.डी.डी.
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Sr. No.	Zone	AREA MANAGER	Exch./ISU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH(Mtr)	LOCATION/ Stretch	No of Pillars effected
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	800	2000	to pillars 0611, 0621, 0638	3
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	2100	3000	Sahmata Exchange to Retirement Road	3
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	800	1000	to pillars 0601, 0602, 0605	3
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	2000	2500	Sahmata Exchange to Kshirani Road	3
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	800	1200	to pillars 0603, 0604, 0607	3
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	2000	200	Sahmata Exchange to A/R road	3
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	800	300	to sudarshan hotel	3
	Z-3	AM(VRUL/SKV)	SARINAKA	Primary	1	800	800	to pillar 0605, 0605, 0609	35
	Z-5	AM(VRUL/SKV)	BHANDUP VILLAGE	Primary	12	2000	3000		
	Z-5	AM(VRUL/SKV)	BHANDUP VILLAGE	Primary	1	1600	500		
	Z-5	AM(VRUL/SKV)	BHANDUP VILLAGE	Primary	1	1200	700		
	Z-5	AM(VRUL/SKV)	BHANDUP BTM	Primary	22	200	5600		
	Z-5	AM(VRUL/SKV)	BHANDUP BTM	Primary	1	1600	800		53
	Z-5	AM(VASHI)	VSI Sec 7	PRIMARY	3	2000	2000	Galaxy Building Sec 2, Vashi	5
	Z-5	AM(VASHI)	VSI Sec 7	PRIMARY	4	2800	600	F Type Market Sec 6 Vashi	10

ANNEXURE - II

CEA Case No.: MRA-1184 Name of the Power line: LILO on 220 kV Trombay – Salsette I, II, III and IV lines at Vikhroli GIS			Map Scale : 1 cm=500 m Total Length : 0.398 km S.R. Value : 30,000 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-789						Dated: 09.10.2021	
Affected Blocks & Telecom Circuits Details							
Sion – Mulund Section							
1	Sion – Kurla	Out of parallelism			0		
2	Kurla - Vidyavihar				0		
3	Vidyavihar - Ghatkopar				0		
4	Ghatkopar - Vikhroli	0.2	0.0019	10000	19		
5	Vikhroli - Kanjurmarg	Out of parallelism			0		
6	Kanjurmarg - Bhandup				0		
7	Bhandup - Nahur				0		
8	Nahur - Mulund				0		
Guru Teg Bahadur Nagar – Vashi Section							
1	Guru Teg Bahadur Nagar - Chunabhati	Out of parallelism			0		
2	Chunabhati - Kurla				0		
3	Kurla – Tilak Nagar				0		
4	Tilak Nagar - Chembur				0		
5	Chembur - Govandi				0		
6	Govandi - Mankhurd				0		
7	Mankhurd - Vashi				0		
Kurla – Trombay Section							
1	Kurla - Trombay	Out of parallelism			0		

Prateeb

प्रतीक श्रीवर्मा/PRATEEB SHrivastava
 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

Tele : 23019746

Annexo-*EMRA-1184*
Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of MoD, (Army)
DHQ PO, New Delhi - 110011


B/46937/Sigs 7(b)/2598/

✓ Nov 2021

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

**PTCC CLEARANCE FOR LILO ON 220KV TROMBAY-SALSETTE I, II, III AND IV
TRANSMISSION LINE AT VIKHROLI GIS TRANSMISSION LINE IN THANE &
MUMBAI SUBURBAN DISTRICT OF MAHARASHTRA STATE**

1. Refer your letter No KVTPL/21-22/290921 dt 29 Sep 2021 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided as per Map sheets received vide your letter mentioned above.
3. Documents alongwith map sheets (in original) are forwarded herewith for your further action.


(Anurag Mishra)
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

- for information

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

1068
09/12/21