



सत्यमेव जयते

75  
आज़ादी का  
अमृत महोत्सव

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

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CEA Case No.: MRA-1183 & MRA-1192 / 259-261
PTCC proposal for proposed height raising of AEMLS existing 220/110 kV M/C Ghodbunder to Versova transmission line between Location No. LS 276 (NC+6) LS 277 (NC+6) near Silver Park (0.5 km) and 220 kV Dhanu to Versova transmission line between Location No. SS 278 (MD+6) SS 282 (DA+6) near Shahid Bhagat Singh Garden (1.567 km)

Reference:		
S. No.	Reference No.	Dated
(i)	M/s AEML: AEML-MT/PROJECTS/STG/18/2021-22	28.08.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2529	04.03.2022
(iii)	Western Railway: SG. 158/28/09 (321)	30.11.2021
(iv)	Defense: B/46937/Sigs 7(b)/2574	18.11.2021

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

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

Encl.: As above.

सचिव उपाय विभाग  
15.02.22  
Director

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL; Inspection Circle, 3 <sup>rd</sup> Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	Annexure-I & Annexure-III
2.	Dy. CSTE/Tele/CCG.	Western Railway; O/o PCSTE, S&T Dept., 5 <sup>th</sup> Floor, Station Building, Churchgate, Mumbai-400020.	Annexure-II
3.	Dy. General Manager	M/s AEML, CTS 407/A ( New), 408 Old Village, Eksar Devidas Lane, Off SVP Road, Borivali (W), Mumbai-400103.	Copy for information

**ANNEXURE-I**

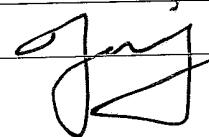
<b>EA Case No.: MRA – 1183 &amp; MRA-1192</b> <b>Name of the Power line:</b> Proposed height raising of AEMLs existing 220/110 kV M/C Ghodbunder to Versova transmission line between Location No. LS 276 (NC+6) LS 277 (NC+6) near Silver Park (0.5 km) and 220 kV Dhanu to Versova transmission line between Location No. SS 278 (MD+6) SS 282 (DA+6) near Shahid Bhagat Singh Garden (1.567 km)		<b>Map Scale</b> : 1 cm=500 m <b>S.R. Value</b> : 7,500 ohm-cm			
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.

BSNL: IC/MBI/PTCC/MRA-2529 Dated: 04.03.2022

**Affected Blocks & Telecom Circuits Details**

1	Exch. To Station Road	}			
2	Exch. To Murdha				
3	Exch. To 150 feet Road				
4	Exch. To Jeshal Park				
5	Exch. To Inderlok				
	<b>Naya Bazar Exch.</b>				
1	Exch. to Queen Park				
2	Exch. To Shanti Park				
3	Exch. To Naya Nagar				
	<b>Kashi Meera Exch.</b>				
1	Exch. to Ghodbunder Road				
2	Exch. to Delta				
3	Exch to Silver Park				

*IV less than 430V*



सहायक नि. 11/Asstt. Director-11  
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.  
 विद्युत मंत्रालय/Ministry of Power  
 भारत सरकार/Govt. of India  
 नई दिल्ली/New Delhi-66

**ANNEXURE-II**

<b>EA Case No.: MRA – 1183 &amp; MRA-1192</b>					
<b>Name of the Power line:</b> Proposed height raising of AEMs existing 220/110 kV M/C Ghodbunder to Versova transmission line between Location No. LS 276 (NC+6) LS 277 (NC+6) near Silver Park (0.5 km) and 220 kV Dhanu to Versova transmission line between Location No. SS 278 (MD+6) SS 282 (DA+6) near Shahid Bhagat Singh Garden (1.567 km)			<b>Map Scale</b> : 1 cm=500 m <b>S.R. Value</b> : 7,500 ohm-cm		
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.

Western Railway: SG. 158/28/09 (321) Dated: 30.11.2021

**Affected Blocks & Telecom Circuits Details**

1	Borivali to Dahisar	Out of Parallelism	00
2	Dahisar to Mira Road	Out of Parallelism	00
3	Mira Road to Bhayander	Out of Parallelism	00
4	Bhayander to Naigaon	Outside IV Consideration Zone	00
5	Naigaon to Vasai Road	Outside IV Consideration Zone	00



सहायक निदेशक-11/Asstt. Director-11  
केन्द्रीय विद्युत प्राधिकरण/C.E.A.  
विद्युत मंत्रालय/Ministry of Power  
भारत सरकार/Govt. of India  
नई दिल्ली/New Delhi-66

सहायक निदेशक-11/Asstt. Director-II  
केन्द्रीय विद्युत प्राधिकरण/C.E.A.  
विद्युत मंत्रालय/Ministry of Power  
भारत सरकार/Govt. of India  
नई दिल्ली/New Delhi-66

Tele: 23019746

(Annexure - II)

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


18 Nov 2021

P/16937/Sign 7(b)/2574/

Adani Electricity Mumbai Ltd  
Adani Electricity Management Institute  
Opp. SEEPZ Gate No. 3, Jogeshwari Vikhroli Link Road  
Goregaon (E) Mumbai - 400065, Maharashtra, India

**PTCC PROPOSAL FOR DIVERSION/MODIFICATION OF PORTION OF EXISTING  
220KV LAND SIDE (LS) AND SEA SIDE (SS) DOUBLE CIRCUIT TRANSMISSION  
LINES TO PROVIDE REQUIRED ELECTRICAL CLEARANCE TO UPCOMING  
METRO 09 ROUTE AT MIRA ROAD AND BHAYANDAR**

1. Refer your letter No. AEML/MT/PROJECTS/STG/18/2021-22 dt 28 Aug 2021 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided as per Map sheets received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are forwarded herewith for your further action.

  
(A Rawat)  
Lt Col  
GSO 1 (Comd)  
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  
Kafaria Sarai, New Delhi - 110016

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

for information