

I/25824/2023



सत्यमेव जयते



**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-1210		
PTCC approval for LILO of 220 kV S/C Lonikand – Kathapur transmission line at 220 kV Khed City (Kanhersar) S/S, Dist. Pune - regd.		
S. No	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/PTCC/In/B-592/07127	06.10.2022
(ii)	MSETCL: Email	19.01.2023
(iii)	BSNL: IC/MBI/PTCC/MRA-2570/03	19.12.2022
(iv)	Central Railway: N.153/PTCC/220kV/MAH-825	16.12.2022
(v)	Defense: B/46937/Sigs 7(b)/3075	29.11.2022

The PTCC proposal submitted vide reference (i) & (ii) has been examined. DET(WZ), PTCC, BSNL, vide above reference (iii), has informed that there are no telephone exchange or cable in the proximity of the proposed transmission line. Central Railway and DG Signals, MoD have issued No Objection Certificate (NOC) vide above references (iv) and (v) respectively. A copy of Defense NOC is enclosed as Annexure-I.

EPR Zones for proposed substations are mentioned below.

Name of the proposed SS	Half Diagonal Distance, D/2 (mts)	Fault Current, I (kA)	Resistance of earthmat, R (Ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7 kV	d (mts) at 10 kV
220 kV Khed City (Kanhersar) SS	140.42	30	0.406	3837	2490.94	103.92	30.61

As per the details submitted by BSNL vide reference (iii) above, no telephone exchanges are falling within the EPR zone of the proposed 220 kV Khed City (Kanhersar) S/S.

Taking above into consideration, necessary action for issuance of PTCC route approval may be taken under intimation to this office.

Encl.: As above

**Chief Engineer**

**To,**

1.	Divisional Engineer (PTCC), Western Zone	QA & Inspection circle, 1 <sup>st</sup> floor, D- wing, BSNL Admin Bldg., Junu Tara Road, Santacruz (West), Mumbai-400054	
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I/25824/2023

2.	Superintending Engineer (Project Schemes)	MSETCL, O/o Superintending Engineer (Project Schemes Dept.), Prakashganga, P. No. C19, #E, BKC, Bandra (East), Mumbai - 400051	Copy for information
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Directorate General of Signals  
Signals 7  
General Staff Branch  
Integrated HQ of MoD (Army)  
DHO PO, New Delhi - 110011

MRD-1210

B/46937/Sigs 7(b)/3075/

29 Nov 2022

Office of the Superintending Engineer,  
Projects Schemes Department  
Maharashtra State Electricity Transmission Co Ltd  
"Prakashganga", Plot No C-19, 'E' Block,  
Bandra -- Kurla Complex, Bandra (East),  
Mumbai-400051

**PTCC PROPOSAL FOR 220KV DC LINE, LILO ON EXISTING 220KV LONIKAND-  
KATHAPUR LINE AT 220KV KHED CITY (KANHERSAR) S/S, DIST. PUNE,  
LENGTH=5.549KMS**

1. Refer your letter No MSETCL/CO/PS/PTCC/In/B-592/No 07127 dt 08 Oct 2022 (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 returned herewith for your further necessary action.

*Samyal*  
(PS Samyal)  
Col  
GSO 1 (Comn)  
for Offg ADG T

**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  
Bharat Sanchar Nigam Limited  
O/o PGM (North), QA & Inspection Circle,  
D-Tax Building, Eastern Court, Janpath  
New Delhi-110001

AD  
*we*  
30/11/22

