



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

Case No.: GUJ-809

PTCC proposal of 220 kV S/C line from Netra Wind Power Limited to Bhuj Pooling Sub-Station along with associated line along with bays at generation switchyard end. 27/08/21

**Reference:**

S. No.	Reference No.
(i)	M/s Netra Wind Private Ltd.: NETRA-T5-PTCC-NC2021-008 dated 07.01.2021 & e-mail dated 12.06.2021
(ii)	BSNL: IC/MBI/PTCC/WGJ270720212852 dated 12.08.2021
(iii)	Western Railway: SG.158/28/12/1141 dated 25.01.2021
(iv)	Defense: B/46937/Sigs 7(b)/2291 dated 24.02.2021

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom lines of BSNL with respect to details furnished vide above reference (ii) has been computed. The voltages likely to be induced on paralleling telecom lines of BSNL under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. Western Railway vide reference (iii), has intimated that railway lines are out of 8 km area and given their consent for the PTCC route approval of the proposed power line. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power line (a copy enclosed as Annexure-II).

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

Encl.: As above.

Signature Not Verified  
Digitally signed by RAGHUVENDRA PRATAP SINGH  
Date: 2021.08.27 16:19:42 IST

To,

Director

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.	
2.	M/s Netra Wind Pvt. Ltd.	504-Delphi, Wing 'B', Hiranandani Business Park, Powai, Mumbai-400076.	Copy for information

CEA office Case No: **G.U.J-809** Map Scale: 1 Cm=500 Meters  
 DET (PTCC) Office Case No: **WGJ270720212852** Route Length: 28.28 Kms  
 Railway Office Case No: Soil Resistivity: **15353-Ohm-Cm**  
 Name of Power Line: **220KV S/C Line from Netra Wind Power Limited to Bhuj Pooling Sub-station along with associated line along with bays at generation switchyard end.** **(Annexure-I)**

Telecom Details from BSNL		Details from Power Company/Authority			
Sl No.	Name of the Telecom Cable/Line	Length of Parameter in Km	Mutual coupling in Ohms	Fault current in Amp	Induced Voltage in Volts
1	Netra Exch				
1A	Netra Exch to local 800X1, 200X1, 100X2				
2A	Netra Exch to local 200X1, 100X2, 50X2				
2	Khombhdi Mota Exch				
1B	Khombhdi Mota Exch to local 100X1, 20X4				
2B	Khombhdi Mota Exch to Khombhdi Nani 20X1				
3	Rawapar Exch				
1C	Rawapar Exch to local 800X1, 200X1, 100X2				
2C	Rawapar Exch to local 200X1, 100X1, 50X2				
4	Mata no Madh Exch				
1D	<b>Netra Namadh Exch. 100X1, 50X1</b>				

*IV less than 430V*

*Jamir*

Date: \_\_\_\_\_  
 Place: \_\_\_\_\_  
 Head- II / A-1st Division  
 Power Transmission Department  
 New Delhi  
 State / Govt. of India  
 New Delhi-85

Tele : 23019746

Annexure-II

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


24 Feb 2021

B/46937/Sigs 7(b)/2291/

Netra Wind Private Limited  
504-Delphi, Wing 'B', Hiranandani Business Park  
Powai, Mumbai-400076, Maharashtra (India)

PTCC PROPOSAL FOR 220KV KOTDA MAD BHUJ 2 NEW PSS OF (NWPL) ON  
220KV TRANSMISSION LINE TO EXISTING 765/400/220KV (PGCIL) S/S AT  
NIRONA

1. Refer your letter No Lr. No. AE065-T5-DET(PTCC)-NC2020-180 dt 21 Dec 2020 (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)  
Maj  
GSO 1 (Comn)  
for SO-in-C

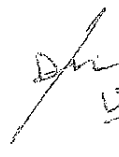

Enclosures : As above

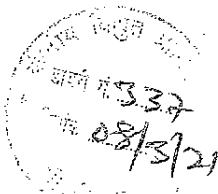
Copy to :-

✓ 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

  
  
2021/2/24

  
2337  
08/3/21