

M/C



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पावर कम्युनिकेशन डवलपमेंट प्रभाग
Power Communication Development Division

No. CEA/PCD/PTCC/MP-438/ 2578-19

Date: 03.12.2018

Divisional Engineer (PTCC), Inspection Circle,
Bharat Sanchar Nigam Limited (BSNL),
3rd Floor, D-Wing, BSNL Admin Building
Juhu Tara Road, Santacruz (West)
Mumbai (Maharashtra)-400054

Subject: IV calculation for PTCC Route Approval for 220 kV DCDS line from 220/33 kV Pooling Station at 250 MW Solar PV Units at Sector Barsaita Desh proposed by M/s MPNRED & RUMs Ltd. to 400 kV Grid S/s to be created by PGCIL(Gurh)-Reg.

- Ref: i) BSNL Letter No. TM/PTCC/RA-1/MP-825, Dated-27.10.2018.
ii) AESTE/Tele/HQ., WCR, Jabalpur, Letter No. WCR/N-HQ/120/PTCC/CORR/T-50/Pt-III-Case-233 Dated 06/07/2018.
iii) DG of Signals, Ministry of Defense (Army), New Delhi, Letter No. B/46937/Sigs 7(b)/1184, Dated-30.08.2018.

Sir,

The low frequency induction on BSNL Telecommunication circuits as per details furnished vide above cited reference (i) has been examined. The Average Soil Resistivity value has been taken as 10000 Ohms-cm, as per data submitted by Power Authority. Voltages likely to be induced on paralleling BSNL Telecommunication circuits under single line to ground fault condition are enclosed at Annex-I. The screening factors as applicable have been considered. West Central Railway has informed that there is no railway track within the vicinity of 8 km of either side of proposed power line and accorded NOC vide Ref. (ii) (a copy enclosed at Annex-II). Defense has accorded NOC vide above Ref.(iii) for the above line (a copy enclosed at Annex-III).

Taking above into consideration, kindly take necessary action regarding issue of PTCC route approval.

Encl: As above

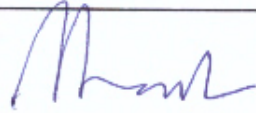
Yours faithfully,

(Naresh Bhandari) 4/12/18
Chief Engineer

Copy to:

Chief Engineer (Procurement), Madhya Pradesh Power Transmission Co. Limited (MPPTCL),
Block No.3, Shakti Bhawan, Rampur, Jabalpur (M.P)-482008

केस नम्बर : एम.पी-438		वैद्य स्केल: 1सेमी=500 मीटर			
पावर लाईन का नाम: बसेता देश क्षेत्र में मैसर्स एमपीएनआईडी और आरयूएमएस लिमिटेड के 250 मेगावाट सौर पी.वी इन्वार्टरों 20/33 के.वी पुलिंग स्टेशन से पीजीसीआईएल (गुदह) के 400 के.वी ग्रिड एम/एस के लिए 220 के.वी डीसीडीएस लाइन		रूट की लम्बाई: 0.917 कि.मी			
		औसत एस.आर की मात्रा: 10000 ओम_सेमी			
क्रम संख्या	टेलीकाम विवरण	समानांतरिय लम्बाई(कि.मी में)	म्युचुअल कप्लिंग (ओम में)	प्रभावी फाल्ट करंट (एम्पियर में)	प्रेरण वोल्टेज (वोल्ट में)
	बी. एस. एन. एल टी.एम/पी.टी.सी.सी/आर.ए-1/एम.पी-825				दिनांक: 27.10.2018
प्रभावित दूरसंचार सर्किट विवरण					
Gurh T/Exchange					
1	Exch to MPEB Office (O-A)-100 Pair	OUT OF IV CONSIDERATION ZONE			
2	Exch to Petrol Pump Gurh Bazar (O-B)-20 Pair				
3	Exch to Police Station (O-C)-5 Pair				
5	Exch to Bus Stand (O-D)-5 Pair				


 नरेश भंडारी/NARESH BHANDARI
 मुख्य अभियंता/Chief Engineer
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-66

पश्चिम मध्य रेल
West Central Railway



महाप्रबंधक (संएवंदूस) कार्यालय, प्रथम
तल, एनेक्स-११ भवन

Office of The GM (S&T),
1st Floor, Annex II building

No: WCR/N-HQ/120/PTCC/CORR/T-50/Pt-III/ Caes-233 दिनांक/Dated: 06/07/2018

Chief Engineer (Procurement)
Block No.3, Shakti Bhawan,
Rampur, Jabalpur (M.P.)-482008

Sub :- PTCC route approval for construction of 220KV DCDS line from 220/33KV pooling substation at 250MW Solar PV units at sector Barsaita Desh proposed by MPNRED & RUMS Ltd. to 400KV Grid substation to be created by PGCIL (Gurh) for internal evacuation system under PMC (Deposit works).

Ref :- CE(Procurement)/JBP office letter No.04-01/PTCC/2552/TR-I/3775 Dtd.28/06/2018.

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With reference to the above, on receipt of quoted letter route map & drawing after scrutinized, there is no Railway track involved within 8 Kms corridor of the proposed diversion of power line and Minimum distance from power line to Railway station is 30 Km as per Performa -II.

Therefore WCR convey it's "**No objection**" in the present the approval for PTCC route approval for construction of 220KV DCDS line from 220/33KV pooling substation at 250MW Solar PV units at sector Barsaita Desh proposed by MPNRED & RUMS Ltd. to 400KV Grid substation to be created by PGCIL (Gurh) for internal evacuation system under PMC (Deposit works).

This for your information & further necessary action please.

(Ambika Sharan)
AESTE/Tele/HQ.
f/- GM / S&T / JBP

C/c- (i) The Divisional Engineer (PTCC)
Juhudanda Administrative Building
3rd Floor, Juhutara Road, Santacruz(W)
Mumbai-54.

(ii) SDE(PTCC) Bharat Sanchar Nigam Ltd.,
Room No.15, Annex Building, Hoshangabad Road, Bhopal

(iii) Director (PTCC), CEA/PTCC Directorate
NRPC Complex, 18-A, Shaheed Jeet Singh S Marg
Katwaria Sarai, New Delhi-110016

Tele : 23019746

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

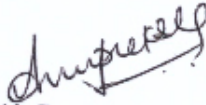
B/46937/Sigs 7(b)/1184

30 Aug 2018

Madhya Pradesh Power Transmission Co Ltd
Chief Engineer (Procurement)
Block No. 3 Shakti Bhawan,
Rampur, Jabalpur (M.P.) -482008

PTCC ROUTE APPROVAL FOR CONSTRUCTION OF 220 KV DCDS LINE FROM 220/33KV POOLING SUBSTATION AT 250 MW SOLAR PV UNITS AT SECTOR BARSAITA DESH PROPOSED BY MPNRED & RUMS LTD. TO 400 KV GRID SUBSTATION TO BE CREATED BY PGCIL (GURH) FOR INTERNAL EVACUATION SYSTEM UNDER PMC (DEPOSIT WORKS)

1. Ref your letter No 04-01/PTCC/2552/TR-I/3775 dt 28 Jun 2018 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheets received under your above mentioned letter.
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

for information.