



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/MRA- 1088/ 56-59

Date:16/01/2019

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 400kV D/C (Quad) Solapur(STPP) to Solapur (PG) line associated with Solapur STPP(2x660MW) Generation Project.

Ref: i) BSNL Letter No. IC/MBI/PTCC/MRA-2217/

Dated-03/03/2017.

ii) Central Railway Letter No.N.153/PTCC/400kV/MAH-530

Dated 26/06/2014.

iii) South Western Railway Ltr.No.SG/SWR/PTCC/PGCIL/SOLAPUR/1376

Dated 20/09/2016

iv) Defense letter No. B/46937/Sig 7(b)/1135

Dated 25/07/2018

Sir,

The low frequency induction on BSNL and Railway Telecommunication circuits as per details furnished vide above cited references (i), (ii) & III respectively has been examined. The Average Soil Resistivity value has been taken as 5,000 Ohms-cm, as measured during site inspection by CEA and Power utility officers. Voltages likely to be induced on paralleling BSNL and Railway Telecommunication circuits under single line to ground fault condition are enclosed at Annex-I, & IIA, IIB respectively. The screening factors as applicable have been considered. Vide ref. (iv)above, Defense Authority have issued No Objection Certificate (NOC) (enclosed as Annex – III).

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

Encl: As above

Yours faithfully,

(Naresh Bhandari)

Chief Engineer

Copy to:

1. AESTE, Central Railway, Headquarters Office (S&T Branch) 3rd Floor, Annex Building, CST Mumbai-400001 (Annexure-IIA only)
2. CSTE, South Western Railway, Office of the Chief Signal & Telecom Engineer, 1st Floor, West block, New Zonal Office Building, Gadag Road, Hubli-20, Karnataka (Annexure-IIB only)
3. Deputy General Manager, Power Grid Corporation of India Ltd., (PGCIL), 765/400/220kV Substation, 22 KM Milestone Akkatkot Road, Village Limbi-Chincholi, Post-Valsang, Taluk -South Solapur, Solapur, Maharashtra-413228.

Tele : 23019746

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

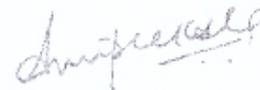
B/46937/Sigs 7(b)/1135 /

25 Jul 2018

Power Grid Corporation of India Limited
765/400/220 KV Sub-Station,
22 K.M. Akkalkot Road, Village Limbi-Chincholi,
Post Walsung, Tal. South Solapur,
Solapur-413 228

**SUBMISSION OF PROPOSAL FOR PTCC ROUTE APPROVAL OF CONSTRUCTION
OF 400 KV D/C SOLAPUR (STPP) TO SOLAPUR (PG) LINE ASSOCIATED WITH
SOLAPUR STPP (2 X660 MW) GENERATION PROJECT-REG.**

1. Reference your letter WR-I/SLP/400 KV/ EMCO/PTCC/11/5/2018/A dt 11 May 2018 (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

Copy to :-

Central Electricity Authority
Power Communication Development Division
NRPC Complex, 18-A, Shaheed Jeet Singh S Marg
Katwaria Sarai, New Delhi - 110016

- For information.

