



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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Case No.: KNK-942  
PTCC proposal of 220 kV S/C line on D/C tower with AL59 Moose Conductor from the existing PGCIL 400/220 kV SS at Beeranahalli, Hiriyur to proposed 220/33 kV Wind Power Pooling sub-station (PSS-1) of M/s Ostro Kannada Power Pvt. Ltd. (SPV of Renew Power Pvt. Ltd.) near Anaburu village, Jagalur Taluk, Davangere District, Karnataka. (77.75 km)

| Reference: |  | Dated      |
|------------|--|------------|
| S. No.     | Reference No.  |            |
| (i)        | M/s Ostro Kannada Power Pvt. Ltd.: OKPPL/PTCC/Hiryur-PSS1/02 | 31.03.2021 |
| (ii)       | BSNL: SR-PTCC/SKT-3008/5                                     | 27.07.2021 |
| (iii)      | South Western Railway: SG/SWR/PTCC/OKPPL/2193                | 15.07.2021 |
| (iv)       | Defense: B/46937/Sigs 7(b)/2404                              | 02.06.2021 |

The PTCC proposal submitted vide ref. (i) has been examined. The low frequency induction on telecom cables of BSNL and Block & Telecom circuits of South 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 South 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 for issuance of PTCC route approval may be taken.

Signature Not Verified  
Digitally signed by RAGHENDRA PRATAP SINGH  
Date: 2021.08.12 17:38:24 IST

Director

| To, |   |   |
|-----|---|---|
| 1.  | Divisional Engineer (PTCC), Southern Zone | BSNL, Inspection Circle, 1st Floor, Raj Bavan Exchange No. 26, Sardar Patel Road, Guindy, Chennai-600032. Annexure-I & Annexure-III |
| 2.  | ASTE/TELE/HQ                              | SWR O/o Principal Chief Signal & Telecom Engineer, 1st floor, West Block, Rail Soudha, Gadag Road, Hubli-580020. Annexure-II        |
| 3.  | M/s Ostro Kannada Power Pvt. Ltd.         | Commercial Block-1, Zone 6, Golf Course Road, DLF City, Phase-V, Gurugram-122009. for information only                              |

10/11/21

KNK-942

(Annexure - I)

Case No. SKT3008

SSA: Davangere

Name of the power line: PTCC Proposal for 220 KV Single circuit OH line on DC tower with AL59 Moose conductor from the Existing 400/220 KV PGCIL SS at Beeranahalli, Hiriyur to proposed 220/33KV Wind Power pooling SS of M/s Ostro Kannada Power Pvt Ltd Jagalur Taluk, Davanagere Dist, Karnataka

Length of Power Line 77.75 Kms

SR: 25,000 Ω.Cm.

Average SR value: 23954.86 ohm-cms

Type of BSNL cable: PIJF

| Sl.No.  | Name of Telecom line                    | LOP in KMs | MC in Ohms | FC in Amps | IV in Volts       |
|---------|---|------------|------------|------------|-------------------|
| I (A)   | Anabur Telephone Exchange Cables        | }          |            |            | IV less than 430V |
| 1       | Exge to Canara Bank, Anabur (A-A1)      |            |            |            |                   |
| II (B)  | Kamandalagundi Exchange Cables          |            |            |            |                   |
| 1       | Exge to Mallapura (B-B1)                |            |            |            |                   |
| III (C) | Mustur Exchange Cables                  |            |            |            |                   |
| 1       | Exge to KGB Bank, Mustur (C-C1)         |            |            |            |                   |
| IV (D)  | Turuvanur Telephone Exchange cables     |            |            |            |                   |
| 1       | Exge to Belaghatta Road (D-D1)          |            |            |            |                   |
| 2       | Exge to Nayakanahatti Road(D-D2)        |            |            |            |                   |
| 3       | Exge to Old Panchayat(D-D3)             |            |            |            |                   |
| V (F)   | Jogimatti RSU Telephone Exchange cables |            |            |            |                   |
| 1       | Exge to Madiakeripura (F-F1)            |            |            |            |                   |
| 2       | Exge to Masuti (F-F2)                   |            |            |            |                   |
| VI (H)  | Almangala Exchange Cables               |            |            |            |                   |
| 1       | Exge to Eraballi Road (H-H1)            |            |            |            |                   |
| VII (J) | Dodda Siddavanahalli Exchange Cables    |            |            |            |                   |
| 1       | Exge to Kunchiganhal Road (J-J1)        |            |            |            |                   |
| 2       | Exge to Dandina Kurubarahatty (J-J2)    |            |            |            |                   |

*[Signature]*  
 T/ANUJ  
 Asst. Director II  
 C.E.A.  
 विद्युत विभाग  
 भारत सरकार / Ministry of Power  
 नई दिल्ली / New Delhi-66

**ANNEXURE - II****Case No.: KNK- 942****Name of the Power Line:** 220 kV S/C line on D/C tower with AL59 Moose Conductor from the existing PGCIL 400/220 kV SS at Beeranahalli, Hiriyur to proposed 220/33 kV Wind Power Pooling sub-station (PSS-1) of M/s Ostro Kannada Power Pvt. Ltd. (SPV of Renew Power Pvt. Ltd.) near Anaburu village, Jagalur Taluk, Davangere District, Karnataka.Map Scale : 1 cm = 500 m  
Route Length : 77.75 km  
Soil Resistivity: 25,000  $\Omega$ -cm

| S.No. | Telecom Details | Length of Parallelism (in km) | Mutual Coupling (Ohms) | Fault Current (Amps) | Induced Voltage (Volts) |
|-------|-----------------|-------------------------------|------------------------|----------------------|-------------------------|
|-------|-----------------|-------------------------------|------------------------|----------------------|-------------------------|

SOUTH WESTERN RAILWAY Ref. No: SG/SWR/PTCC/OKPPL/2193

DATED: 15-07-2021

| <u>Affected Blocks &amp; Telecom Circuits Details</u> |           |     |        |      |    |
|---|-----------|-----|--------|------|----|
| 1   | BAHI-CHKE | 0.4 | 0.0001 | 6785 | 01 |
| 2   | CTA-BAHI  | 4.3 | 0.0071 | 6624 | 47 |

TANUJ / TANUJ  
असिस्टेंट डायरेक्टर-II / Asstt. Director-II  
राष्ट्रीय विद्युत आयोग / C.E.A.  
विभाग: संकलन / Ministry of Power  
भारत सरकार / Govt. of India  
नई दिल्ली / New Delhi-66

Tele : 23019746

KNK-942

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

(Annexure - III)

B/46937/Sigs 7(b)/2404

02 Jun 2021

Ostro Kannada Power Private Limited  
138, Ansal Chambers-II, Bhikaji Cama Place,  
New Delhi-110066

PTCC PROPOSAL FOR 220KV SINGLE CIRCUIT LINE ON DC TOWER WITH  
AL59 MOOSE CONDUCTOR FROM THE EXISTING PGCIL 400/220KV SS AT  
BEERANAHALLI, HIRIYUR TO PROPOSED 220/33KV WIND POWER POOLING  
SUB-STATION (PSS-1) OF M/S OSTRO KANNADA POWER PVT LTD NEAR  
ANABURU VILLAGE, JAGALUR TALUK, DAVANGERE DIST, KARNATAKA

1. Refer your letter No OKPPL/PTCC/Hryr-PSS1/02 dt 31 Mar 2021 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheets received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.

(A Rawat)

Col

1 (Comr)

30-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

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