



सत्यमेव जयते



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

On behalf of
Central Level Power & Telecommunication Co-ordination Committee

No: As assigned

Date: As assigned

CEA Case No.: MP-567

Provisional Certificate of Approval for the Route of Extra High Tension (EHT) Power Line / Telecommunication Line

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed for **60 days** from the date of signing to the route of **33 KV SC line Feeder 5 from 33 KV Outdoor AIS Generating Switchyard at taluka Agar, district - Malwa to 220/33 KV Generating Pooling S/s of Blueleaf Energy Renewables Pvt Ltd at village Chikli Parmar, taluka Agar, Malwa** (Length: 25 km) particulars of which are given in Annexure I.

The approval is for the route only and is subject to the following conditions.

1. The approval is based on the Power system/ Telecom system conditions' details as reported by the Power supply authority/ Telecom authority at present. Any changes either to Transmission line or the Power system or the paralleling telecommunication lines which are likely to alter the low frequency induction from the estimated at present should be reported to PTCC for its prior approval.
2. The Power and Telecommunication authorities shall be required to adopt such measures as may be recommended by PTCC for counteracting any interference that might arise when the EHT line is in normal operation.
3. Each crossing should satisfy the conditions as laid down in Para 6 -10 of PTCC Code of Practice for crossings.
4. The angle of crossing shall be 90 degrees but in no case less than 60 degrees.
5. The power line shall be equipped with protective switchgear such that the duration of earth current shall be as short as possible but never exceeding 0.5 seconds.
6. The power line shall be energized within a mutually acceptable time limit after obtaining a Certificate from the concerned Telecom and/or Railway authority regarding completion of provision of all protective measures as recommended

- by PTCC and also under specific clearance from the Telecom and/or Railway authority maintaining the Telecom system.
7. The energization of Extra High Tension power lines would not be held up for want of installation of GD tubes on telecom lines when the induced voltages are in the range of 430 to 650 V.
 8. The telecom line shall be commissioned within a mutually acceptable time after completing provision of all protective measures as recommended by PTCC and also after obtaining specific clearance from the Power authority, if certain measures as recommended by PTCC are to be carried out on power system.
 9. The later entrant in the field shall bear the entire cost of providing GD tubes and their fitting as recommended by PTCC, including 15% spares and/or any other protective measures as recommended by PTCC.
 10. The route approval shall be subject to special conditions as laid down under Annexure II.

Chief Engineer

1.	M/s Blue Leaf Energy Renewables Pvt Ltd	8 th Floor, office 2, Indiqube Helios, Chandana, Kariyammana Agrahara, Kadubeesanahalli village, Varthur Hobli, Bengaluru East, Bellandur, Bangalore South, Bangalore - 560103
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Annexure I

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|-----|---|--|
| (a) | Name of the Power Supply authority seeking approval | M/s Blue Leaf Energy Renewables Pvt Ltd |
| (b) | Reference number & date: | (i) BLERPL/CEA/33KV/PTCC/F5/2025
dated 09.10.2025 |
| (c) | Name of the Power line | 33 KV SC line Feeder 5 from 33 KV Outdoor AIS Generating Switchyard at taluka Agar, district - Malwa to 220/33 KV Generating Pooling S/s of Blue Leaf Energy Renewables Pvt Ltd at village Chikli Parmar, taluka Agar, Malwa |
| (d) | Length of Power line: | 25 km |
| (e) | Operating Voltage | 33 kV |
| (f) | Number of circuits | 1 |

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- | | | |
|-----|----------------------------------|--------------------|
| (a) | Names of parallel telecom lines: | As per Annexure-II |
| (b) | Length of parallelism: | As per Annexure-II |

3 Average value of earth resistivity in the region: 15,000 ohm-cm

4 Whether LF test necessary: No

5 Special conditions subject to which this certificate will be effective: As per Annexure-II

Annexure II

Name of the Power Line: 33 KV SC line Feeder 5 from 33 KV Outdoor AIS Generating Switchyard at taluka Agar, district - Malwa to 220/33 KV Generating Pooling S/s of Blue Leaf Energy Renewables Pvt Ltd at village Chikli Parmar, taluka Agar, Malwa. (Length: 25 km)

1. BSNL Telecom Details:

SDE (PTCC), Bhopal vide letter TM/PTCC/RA-33KV/MP-1544 dated 13.10.2025 has stated that No UG & O/H working armored cable falls within the periphery of 5 km of proposed power line.

Thus, DET(PTCC), WZ, BSNL letter (IC/MBI/PTCC/MP dated 01.11.2025) is taken as deemed NOC.

2. Railway Telecom Details:

AESTE/Tele/HQ West Central Railway vide letter WCR/N-HQ/120 PTCC-T-50-Pt-III Case-497 dated 24.09.2025 has issued their NOC.

3. EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of Blue Leaf Renewables Pvt Ltd	102.6	50	0.5	5864	3844	264	154
33 kV Unit AIS Generating Switchyard Feeder-5	7.4	26.3	2	902	594	48	32

Telecom authorities to ensure the protection of telecom equipment and personnel within the EPR zone of the proposed substation at the cost of the later entrant.