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

No: As assigned **Date:** As assigned

CEA Case No.: RAJ-898

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 S/C Feeder-01 on RSJ Pole from 220/33 kV 300 MW Wind Energy Pooling Substation of M/s Ampin Energy Green Three Private Limited at Balai Village, Sheo, Barmer to 33 kV Unit Substation of 7x3.15 MW WTG Generator of M/s Ampin Energy Green Three Private Limited located at Balai, Mallinath Nagar, Punjraj ki Dhani and Jodhsingh ka Ganv, Barmer (Length: 14 kms)** 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.

Signed by Suman Kumar Maharana
Date: 17-11-2025 10:54:21
Chief Engineer

1.	M/s Ampin Energy Green Three Private Limited	309, 3RD Floor, Rectangle One, Behind Sheraton Hotel, Saket, New Delhi – 110 017

Annexure I

1		
(a)	Name of the Power Supply authority seeking approval	M/s Ampin Energy Green Three Private Limited
(b)	Reference number & date:	CEA/PTCC/AMPINTHREE/WIND-33KV/FD#01/08/2025 dated 10.08.2025 E-mail dated 27.10.2025
(c)	Name of the Power line	33 kV S/C Feeder-01 on RSJ Pole from 220/33 kV 300 MW Wind Energy Pooling Substation of M/s Ampin Energy Green Three Private Limited at Balai Village, Sheo, Barmer to 33 kV Unit Substation of 7x3.15 MW WTG Generator of M/s Ampin Energy Green Three Private Limited located at Balai, Mallinath Nagar, Punjraj ki Dhani and Jodhsingh ka Ganv, Barmer (Length: 14 kms).
(d)	Length of Power line:	14 kms
(e)	Operating Voltage	33 kV
(f)	Number of circuits	1
2		
(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:	7,500 ohm-cms
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 S/C Feeder-01 on RSJ Pole from 220/33 kV 300 MW Wind Energy Pooling Substation of M/s Ampin Energy Green Three Private Limited at Balai Village, Sheo, Barmer to 33 kV Unit Substation of 7x3.15 MW WTG Generator of M/s Ampin Energy Green Three Private Limited located at Balai, Mallinath Nagar, Punjraj ki Dhani and Jodhsingh ka Ganv, Barmer (Length: 14 kms)

1. **Railway Telecom Details:**
   Deputy CSTE/ Tele North Western Railway vide letter SG/158/NWR/PTCC/1207 dated 06.10.2025 has issued their NOC.

2. 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 300 MW Wind Energy Pooling Substation of M/s Ampin Energy Green Three Private Limited at Balai Village, Tehsil Sheo, Barmer	90.28	35.35	0.1429	970	611	NA	NA
33 kV Unit Substation	7.81	18	0.54	169	109	3	0

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.