



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

Subject: Provisional Certificate of Approval for the Route of Power Line of M/s Juniper Green Stellar Pvt. Ltd.

Provisional Route Approval Certificate for the following listed lines of M/s Juniper Green Stellar Pvt. Ltd is annexed to this letter:

S.No.	Name
1	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 1 (Length: 2.05 kms)
2	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 2 (Length: 1.805 kms)
3	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 3 (Length: 1.5 kms)
4	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 4 (Length: 1.535 kms)
5	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 5 (Length: 0.73 kms)
6	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 6 (Length: 0.965 kms)
7	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 7 (Length: 1.225 kms)
8	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 8 (Length: 1.665 kms)
9	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 9 (Length: 1.27 kms)
10	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 10 (Length: 0.87 kms)
11	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 11 (Length: 0.98 kms)

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12	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 12 (Length: 1.35 kms)
13	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 13 (Length: 1.645 kms)
14	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 14 (Length: 1.88 kms)
15	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 15 (Length: 2.875 kms)
16	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 16 (Length: 2.6 kms)
17	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 17 (Length: 2.16 kms)
18	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 18 (Length: 1.155 kms)
19	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 19 (Length: 1.52 kms)
20	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 20 (Length: 1.51 kms)
21	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 21 (Length: 2.04 kms)
22	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 22 (Length: 2.82 kms)
23	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 23 (Length: 1.265 kms)
24	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 24 (Length: 2.2 kms)
25	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 25 (Length: 1.76 kms)
26	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 26 (Length: 2.47 kms)
27	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 27 (Length: 2.765 kms)
28	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 28 (Length: 2.935 kms)
29	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 29 (Length: 2.645 kms)
30	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 30 (Length: 2.59 kms)
31	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 31 (Length: 1.8 kms)
32	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 32 (Length: 2.61 kms)
33	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 33 (Length: 2.8 kms)
34	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 1 (Length: 0.05 kms)
35	33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 2 (Length: 0.05 kms)

36	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 1 (Length: 0.062 kms)
37	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 2 (Length: 0.047 kms)
38	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 3 (Length: 0.035 kms)
39	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 4 (Length: 0.048 kms)
40	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 5 (Length: 0.06 kms)
41	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 6 (Length: 0.066 kms)
42	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 7 (Length: 0.051 kms)
43	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 8 (Length: 0.037 kms)
44	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 9 (Length: 0.041 kms)
45	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 10 (Length: 0.054 kms)
46	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 11 (Length: 0.058 kms)
47	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 12 (Length: 0.045 kms)
48	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 13 (Length: 0.035 kms)
49	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 14 (Length: 0.049 kms)
50	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 15 (Length: 0.064 kms)
51	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 16 (Length: 0.062 kms)
52	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 17 (Length: 0.05 kms)
53	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 18 (Length: 0.037 kms)
54	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 19 (Length: 0.043 kms)
55	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 20 (Length: 0.058 kms)
56	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 21 (Length: 0.062 kms)
57	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 22 (Length: 0.047 kms)
58	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 23 (Length: 0.035 kms)
59	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 24 (Length: 0.048 kms)
60	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 25 (Length: 0.06 kms)

61	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 26 (Length: 0.066 kms)
62	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 27 (Length: 0.051 kms)
63	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 28 (Length: 0.037 kms)
64	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 29 (Length: 0.041 kms)
65	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 30 (Length: 0.055 kms)
66	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 31 (Length: 0.057 kms)
67	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 32 (Length: 0.046 kms)
68	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 33 (Length: 0.035 kms)
69	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 34 (Length: 0.049 kms)
70	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 35 (Length: 0.065 kms)
71	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 36 (Length: 0.062 kms)
72	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 37 (Length: 0.05 kms)
73	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 38 (Length: 0.038 kms)
74	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 39 (Length: 0.044 kms)
75	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 40 (Length: 0.058 kms)
76	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 1 (Length: 0.14 kms)
77	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 2 (Length: 0.16 kms)
78	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 3 (Length: 0.155 kms)
79	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 4 (Length: 0.16 kms)
80	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 5 (Length: 0.185 kms)
81	33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 6 (Length: 0.175 kms)

Chief Engineer

Digitally signed by
Suman Kumar Maharana
Date: 16-02-2026
15:13:08

To,

1.	M/s Juniper Green Stellar Pvt. Ltd	Candor Tech Space, Sector-48 , Gurugram
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CEA Case No.: RAJ-969-AA**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 1 (Length: 2.05 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.

Annexure I

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 1 (Length: 2.05 kms)
- (d) Length of Power line: 2.05 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: 15000 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 UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 1 (Length: 2.05 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AB**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 2 (Length: 1.805 kms)** particulars of which are given in Annexure III.

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 IV.

Annexure III

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 2 (Length: 1.805 kms)
- (d) Length of Power line: 1.805 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-IV
- (b) Length of parallelism: As per Annexure-IV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-IV

Annexure IV

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 2 (Length: 1.805 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AC**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 3 (Length: 1.5 kms)** particulars of which are given in Annexure V.

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 VI.

Annexure V

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 3 (Length: 1.5 kms)
- (d) Length of Power line: 1.5 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-VI
- (b) Length of parallelism: As per Annexure-VI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-VI

Annexure VI

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 3 (Length: 1.5 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AD**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 4 (Length: 1.535 kms)** particulars of which are given in Annexure VII.

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 VIII.

Annexure VII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 4 (Length: 1.535 kms)
- (d) Length of Power line: 1.535 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-VIII
- (b) Length of parallelism: As per Annexure-VIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-VIII

Annexure VIII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 4 (Length: 1.535 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AE**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 5 (Length: 0.73 kms)** particulars of which are given in Annexure IX.

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 X.

Annexure IX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 5 (Length: 0.73 kms)
- (d) Length of Power line: 0.73 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-X
- (b) Length of parallelism: As per Annexure-X
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-X

Annexure X

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 5 (Length: 0.73 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AF**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 6 (Length: 0.965 kms)** particulars of which are given in Annexure XI.

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 XII.

Annexure XI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 6 (Length: 0.965 kms)
- (d) Length of Power line: 0.965 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XII
- (b) Length of parallelism: As per Annexure-XII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XII

Annexure XII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 6 (Length: 0.965 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AG**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 7 (Length: 1.225 kms)** particulars of which are given in Annexure XIII.

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 XIV.

Annexure XIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 7 (Length: 1.225 kms)
- (d) Length of Power line: 1.225 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XIV
- (b) Length of parallelism: As per Annexure-XIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XIV

Annexure XIV

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 7 (Length: 1.225 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AH**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 8 (Length: 1.665 kms)** particulars of which are given in Annexure XV.

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 XVI.

Annexure XV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 8 (Length: 1.665 kms)
- (d) Length of Power line: 1.665 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XVI
- (b) Length of parallelism: As per Annexure-XVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XVI

Annexure XVI

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 8 (Length: 1.665 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AI**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 9 (Length: 1.27 kms)** particulars of which are given in Annexure XVII.

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 XVIII.

Annexure XVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 9 (Length: 1.27 kms)
- (d) Length of Power line: 1.27 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XVIII
- (b) Length of parallelism: As per Annexure-XVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XVIII

Annexure XVIII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 9 (Length: 1.27 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AJ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 10 (Length: 0.87 kms)** particulars of which are given in Annexure XIX.

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 XX.

Annexure XIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 10 (Length: 0.87 kms)
- (d) Length of Power line: 0.87 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XX
- (b) Length of parallelism: As per Annexure-XX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XX

Annexure XX

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 10 (Length: 0.87 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AJ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 11 (Length: 0.98 kms)** particulars of which are given in Annexure XXI.

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 XXII.

Annexure XXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 11 (Length: 0.98 kms)
- (d) Length of Power line: 0.98 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXII
- (b) Length of parallelism: As per Annexure-XXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXII

Annexure XXII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 11 (Length: 0.98 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AK**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 12 (Length: 1.35 kms)** particulars of which are given in Annexure XXIII.

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 XXIV.

Annexure XXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 12 (Length: 1.35 kms)
- (d) Length of Power line: 1.35 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXIV
- (b) Length of parallelism: As per Annexure-XXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXIV

Annexure XXIV

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 12 (Length: 1.35 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AL**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 13 (Length: 1.645 kms)** particulars of which are given in Annexure XXV.

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 XXVI.

Annexure XXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 13 (Length: 1.645 kms)
- (d) Length of Power line: 1.645 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXVI
- (b) Length of parallelism: As per Annexure-XXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXVI

Annexure XXVI

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 13 (Length: 1.645 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AM**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 14 (Length: 1.88 kms)** particulars of which are given in Annexure XXVII.

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 XXVIII.

Annexure XXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 14 (Length: 1.88 kms)
- (d) Length of Power line: 1.88 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXVIII
- (b) Length of parallelism: As per Annexure-XXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXVIII

Annexure XXVIII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 14 (Length: 1.88 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AN**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 15 (Length: 2.875 kms)** particulars of which are given in Annexure XXIX.

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 XXX.

Annexure XXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 15 (Length: 2.875 kms)
- (d) Length of Power line: 2.875 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXX
- (b) Length of parallelism: As per Annexure-XXX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXX

Annexure XXX

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 15 (Length: 2.875 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AN**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 16 (Length: 2.6 kms)** particulars of which are given in Annexure XXXI.

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 XXXII.

Annexure XXXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 16 (Length: 2.6 kms)
- (d) Length of Power line: 2.6 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXXII
- (b) Length of parallelism: As per Annexure-XXXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXXII

Annexure XXXII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 16 (Length: 2.6 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AO**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 17 (Length: 2.16 kms)** particulars of which are given in Annexure XXXIII.

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 XXXIV.

Annexure XXXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 17 (Length: 2.16 kms)
- (d) Length of Power line: 2.16 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXXIV
- (b) Length of parallelism: As per Annexure-XXXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXXIV

Annexure XXXIV

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 17 (Length: 2.16 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AP**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 18 (Length: 1.155 kms)** particulars of which are given in Annexure XXXV.

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 XXXVI.

Annexure XXXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 18 (Length: 1.155 kms)
- (d) Length of Power line: 1.155 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXXVI
- (b) Length of parallelism: As per Annexure-XXXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXXVI

Annexure XXXVI

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 18 (Length: 1.155 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AQ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 19 (Length: 1.52 kms)** particulars of which are given in Annexure XXXVII.

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 XXXVIII.

Annexure XXXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 19 (Length: 1.52 kms)
- (d) Length of Power line: 1.52 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XXXVIII
- (b) Length of parallelism: As per Annexure-XXXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XXXVIII

Annexure XXXVIII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 19 (Length: 1.52 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AR**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 20 (Length: 1.51 kms)** particulars of which are given in Annexure XXXIX.

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 XXXX.

Annexure XXXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 20 (Length: 1.51 kms)
- (d) Length of Power line: 1.51 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XL
- (b) Length of parallelism: As per Annexure-XL
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XL

Annexure XL

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 20 (Length: 1.51 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AS**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 21 (Length: 2.04 kms)** particulars of which are given in Annexure XLI.

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 XLII.

Annexure XLI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 21 (Length: 2.04 kms)
- (d) Length of Power line: 2.04 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XLII
- (b) Length of parallelism: As per Annexure-XLII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XLII

Annexure XLII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 21 (Length: 2.04 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AT**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 22 (Length: 2.82 kms)** particulars of which are given in Annexure XLIII.

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 XLIV.

Annexure XLIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 22 (Length: 2.82 kms)
- (d) Length of Power line: 2.82 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XLIV
- (b) Length of parallelism: As per Annexure-XLIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XLIV

Annexure XLIV

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 22 (Length: 2.82 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AU**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 23 (Length: 1.265 kms)** particulars of which are given in Annexure XLV.

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 XLVI.

Annexure XLV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 23 (Length: 1.265 kms)
- (d) Length of Power line: 1.265 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XLVI
- (b) Length of parallelism: As per Annexure-XLVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XLVI

Annexure XLVI

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 23 (Length: 1.265 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AV**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 24 (Length: 2.2 kms)** particulars of which are given in Annexure XLVII.

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 XLVIII.

Annexure XLVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 24 (Length: 2.2 kms)
- (d) Length of Power line: 2.2 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XLVIII
- (b) Length of parallelism: As per Annexure-XLVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XLVIII

Annexure XLVIII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 24 (Length: 2.2 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AW**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 25 (Length: 1.76 kms)** particulars of which are given in Annexure XLIX.

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 XLX.

Annexure XLIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 25 (Length: 1.76 kms)
- (d) Length of Power line: 1.76 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-L
- (b) Length of parallelism: As per Annexure-L
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-L

Annexure L

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 25 (Length: 1.76 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AX**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 26 (Length: 2.47 kms)** particulars of which are given in Annexure LI.

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 LII.

Annexure LI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 26 (Length: 2.47 kms)
- (d) Length of Power line: 2.47 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LII
- (b) Length of parallelism: As per Annexure-LII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LII

Annexure LII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 26 (Length: 2.47 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AY**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 27 (Length: 2.765 kms)** particulars of which are given in Annexure LIII.

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 LIV.

Annexure LIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 27 (Length: 2.765 kms)
- (d) Length of Power line: 2.765 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LIV
- (b) Length of parallelism: As per Annexure-LIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LIV

Annexure LIV

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 27 (Length: 2.765 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-AZ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 28 (Length: 2.935 kms)** particulars of which are given in Annexure LV.

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 LVI.

Annexure LV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 28 (Length: 2.935 kms)
- (d) Length of Power line: 2.935 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LVI
- (b) Length of parallelism: As per Annexure-LVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LVI

Annexure LVI

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 28 (Length: 2.935 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BA**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 29 (Length: 2.645 kms)** particulars of which are given in Annexure LVII.

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 LVIII.

Annexure LVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 29 (Length: 2.645 kms)
- (d) Length of Power line: 2.645 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LVIII
- (b) Length of parallelism: As per Annexure-LVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LVIII

Annexure LVIII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 29 (Length: 2.645 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BB**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 30 (Length: 2.59 kms)** particulars of which are given in Annexure LIX.

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 LX.

Annexure LIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 30 (Length: 2.59 kms)
- (d) Length of Power line: 2.59 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LX
- (b) Length of parallelism: As per Annexure-LX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LX

Annexure LX

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 30 (Length: 2.59 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BC**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 31 (Length: 1.8 kms)** particulars of which are given in Annexure LXI.

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 LXII.

Annexure LXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 31 (Length: 1.8 kms)
- (d) Length of Power line: 1.8 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXII
- (b) Length of parallelism: As per Annexure-LXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXII

Annexure LXII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 31 (Length: 1.8 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BD**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 32 (Length: 2.61 kms)** particulars of which are given in Annexure LXIII.

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 LXIV.

Annexure LXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 32 (Length: 2.61 kms)
- (d) Length of Power line: 2.61 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXIV
- (b) Length of parallelism: As per Annexure-LXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXIV

Annexure LXIV

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 32 (Length: 2.61 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BE**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 33 (Length: 2.8 kms)** particulars of which are given in Annexure LXV.

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 LXVI.

Annexure LXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 33 (Length: 2.8 kms)
- (d) Length of Power line: 2.8 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXVI
- (b) Length of parallelism: As per Annexure-LXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXVI

Annexure LXVI

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to ICR 33 (Length: 2.8 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BF**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 1 (Length: 0.05 kms)** particulars of which are given in Annexure LXVII.

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 LXVIII.

Annexure LXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 1 (Length: 0.05 kms)
- (d) Length of Power line: 0.05 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXVIII
- (b) Length of parallelism: As per Annexure-LXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXVIII

Annexure LXVIII

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 1 (Length: 0.05 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BG**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 2 (Length: 0.05 kms)** particulars of which are given in Annexure LXIX.

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 LXX.

Annexure LXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 2 (Length: 0.05 kms)
- (d) Length of Power line: 0.05 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXX
- (b) Length of parallelism: As per Annexure-LXX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXX

Annexure LXX

Name of the Power Line: 33 kV UG Feeder cable for 285 MW Solar project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to Solar Aux transformer 2 (Length: 0.05 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BH**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 1 (Length: 0.062 kms)** particulars of which are given in Annexure LXXI.

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 LXXII.

Annexure LXXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 1 (Length: 0.062 kms)
- (d) Length of Power line: 0.062 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXII
- (b) Length of parallelism: As per Annexure-LXXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXII

Annexure LXXII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 1 (Length: 0.062 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BI**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 2 (Length: 0.047 kms)** particulars of which are given in Annexure LXXIII.

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 LXXIV.

Annexure LXXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 2 (Length: 0.047 kms)
- (d) Length of Power line: 0.047 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXIV
- (b) Length of parallelism: As per Annexure-LXXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXIV

Annexure LXXIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 2 (Length: 0.047 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BJ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green tellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 3 (Length: 0.035 kms)** particulars of which are given in Annexure LXXV.

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 LXXVI.

Annexure LXXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 3 (Length: 0.035 kms)
- (d) Length of Power line: 0.035 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXVI
- (b) Length of parallelism: As per Annexure-LXXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXVI

Annexure LXXVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green tellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 3 (Length: 0.035 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BK**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 4 (Length: 0.048 kms)** particulars of which are given in Annexure LXXVII.

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 LXXVIII.

Annexure LXXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 4 (Length: 0.048 kms)
- (d) Length of Power line: 0.048 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXVIII
- (b) Length of parallelism: As per Annexure-LXXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXVIII

Annexure LXXVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 4 (Length: 0.048 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BL**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 5 (Length: 0.06 kms)** particulars of which are given in Annexure LXXIX.

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 LXXX.

Annexure LXXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 5 (Length: 0.06 kms)
- (d) Length of Power line: 0.06 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXX
- (b) Length of parallelism: As per Annexure-LXXX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXX

Annexure LXXX

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 5 (Length: 0.06 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BM**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 6 (Length: 0.066 kms)** particulars of which are given in Annexure LXXXI.

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 LXXXII.

Annexure LXXXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 6 (Length: 0.066 kms)
- (d) Length of Power line: 0.066 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXXII
- (b) Length of parallelism: As per Annexure-LXXXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXXII

Annexure LXXXII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 6 (Length: 0.066 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BN**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 7 (Length: 0.051 kms)** particulars of which are given in Annexure LXXXIII.

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 LXXXIV.

Annexure LXXXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 7 (Length: 0.051 kms)
- (d) Length of Power line: 0.051 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXXIV
- (b) Length of parallelism: As per Annexure-LXXXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXXIV

Annexure LXXXIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 7 (Length: 0.051 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BO**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 8 (Length: 0.037 kms)** particulars of which are given in Annexure LXXXV.

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 LXXXVI.

Annexure LXXXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 8 (Length: 0.037 kms)
- (d) Length of Power line: 0.037 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXXVI
- (b) Length of parallelism: As per Annexure-LXXXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXXVI

Annexure LXXXVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 8 (Length: 0.037 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BP**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 9 (Length: 0.041 kms)** particulars of which are given in Annexure LXXXVII.

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 LXXXVIII.

Annexure LXXXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 9 (Length: 0.041 kms)
- (d) Length of Power line: 0.041 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-LXXXVIII
- (b) Length of parallelism: As per Annexure-LXXXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-LXXXVIII

Annexure LXXXVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 9 (Length: 0.041 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BQ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 10 (Length: 0.054 kms)** particulars of which are given in Annexure LXXXIX.

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 LXXXX.

Annexure LXXXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 10 (Length: 0.054 kms)
- (d) Length of Power line: 0.054 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XC
- (b) Length of parallelism: As per Annexure-XC
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XC

Annexure XC

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 10 (Length: 0.054 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BR**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 11 (Length: 0.058 kms)** particulars of which are given in Annexure XCI.

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 XCII.

Annexure XCI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 11 (Length: 0.058 kms)
- (d) Length of Power line: 0.058 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XCII
- (b) Length of parallelism: As per Annexure-XCII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XCII

Annexure XCII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 11 (Length: 0.058 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BS**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 12 (Length: 0.045 kms)** particulars of which are given in Annexure XCIII.

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 XCIV.

Annexure XCIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 12 (Length: 0.045 kms)
- (d) Length of Power line: 0.045 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XCIV
- (b) Length of parallelism: As per Annexure-XCIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XCIV

Annexure XCIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 12 (Length: 0.045 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BT**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 13 (Length: 0.035 kms)** particulars of which are given in Annexure XCV.

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 XCVI.

Annexure XCV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 13 (Length: 0.035 kms)
- (d) Length of Power line: 0.035 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XCVI
- (b) Length of parallelism: As per Annexure-XCVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XCVI

Annexure XCVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 13 (Length: 0.035 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BU**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 14 (Length: 0.049 kms)** particulars of which are given in Annexure XCVII.

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 XCVIII.

Annexure XCVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 14 (Length: 0.049 kms)
- (d) Length of Power line: 0.049 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-XCVIII
- (b) Length of parallelism: As per Annexure-XCVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-XCVIII

Annexure XCVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 14 (Length: 0.049 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BV**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 15 (Length: 0.064 kms)** particulars of which are given in Annexure XCIX.

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 XCX.

Annexure XCIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 15 (Length: 0.064 kms)
- (d) Length of Power line: 0.064 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-C
- (b) Length of parallelism: As per Annexure-C
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-C

Annexure C

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 15 (Length: 0.064 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BW**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 16 (Length: 0.062 kms)** particulars of which are given in Annexure CI.

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 CII.

Annexure CI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 16 (Length: 0.062 kms)
- (d) Length of Power line: 0.062 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CII
- (b) Length of parallelism: As per Annexure-CII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CII

Annexure CII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 16 (Length: 0.062 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BX**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 17 (Length: 0.05 kms)** particulars of which are given in Annexure CIII.

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 CIV.

Annexure CIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 17 (Length: 0.05 kms)
- (d) Length of Power line: 0.05 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CIV
- (b) Length of parallelism: As per Annexure-CIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CIV

Annexure CIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 17 (Length: 0.05 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BY**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 18 (Length: 0.037 kms)** particulars of which are given in Annexure CV.

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 CVI.

Annexure CV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 18 (Length: 0.037 kms)
- (d) Length of Power line: 0.037 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CVI
- (b) Length of parallelism: As per Annexure-CVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CVI

Annexure CVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 18 (Length: 0.037 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-BZ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 19 (Length: 0.043 kms)** particulars of which are given in Annexure CVII.

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 CVIII.

Annexure CVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 19 (Length: 0.043 kms)
- (d) Length of Power line: 0.043 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CVIII
- (b) Length of parallelism: As per Annexure-CVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CVIII

Annexure CVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 19 (Length: 0.043 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CA**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 20 (Length: 0.058 kms)** particulars of which are given in Annexure CIX.

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 CX.

Annexure CIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 20 (Length: 0.058 kms)
- (d) Length of Power line: 0.058 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CX
- (b) Length of parallelism: As per Annexure-CX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CX

Annexure CX

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 20 (Length: 0.058 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CB**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 21 (Length: 0.062 kms)** particulars of which are given in Annexure CXI.

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 CXII.

Annexure CXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 21 (Length: 0.062 kms)
- (d) Length of Power line: 0.062 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXII
- (b) Length of parallelism: As per Annexure-CXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXII

Annexure CXII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 21 (Length: 0.062 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CC**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 22 (Length: 0.047 kms)** particulars of which are given in Annexure CXIII.

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 CXIV.

Annexure CXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 22 (Length: 0.047 kms)
- (d) Length of Power line: 0.047 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXIV
- (b) Length of parallelism: As per Annexure-CXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXIV

Annexure CXIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 22 (Length: 0.047 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CD**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 23 (Length: 0.035 kms)** particulars of which are given in Annexure CXV.

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 CXVI.

Annexure CXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 23 (Length: 0.035 kms)
- (d) Length of Power line: 0.035 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXVI
- (b) Length of parallelism: As per Annexure-CXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXVI

Annexure CXVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 23 (Length: 0.035 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CE**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 24 (Length: 0.048 kms)** particulars of which are given in Annexure CXVII.

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 CXVIII.

Annexure CXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 24 (Length: 0.048 kms)
- (d) Length of Power line: 0.048 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXVIII
- (b) Length of parallelism: As per Annexure-CXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXVIII

Annexure CXVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 24 (Length: 0.048 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CF**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 25 (Length: 0.06 kms)** particulars of which are given in Annexure CXIX.

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 CXX.

Annexure CXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 25 (Length: 0.06 kms)
- (d) Length of Power line: 0.06 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXX
- (b) Length of parallelism: As per Annexure-CXX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXX

Annexure CXX

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 25 (Length: 0.06 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CG**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 26 (Length: 0.066 kms)** particulars of which are given in Annexure CXXI.

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 CXXII.

Annexure CXXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 26 (Length: 0.066 kms)
- (d) Length of Power line: 0.066 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXII
- (b) Length of parallelism: As per Annexure-CXXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXII

Annexure CXXII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 26 (Length: 0.066 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CH**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 27 (Length: 0.051 kms)** particulars of which are given in Annexure CXXIII.

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 CXXIV.

Annexure CXXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 27 (Length: 0.051 kms)
- (d) Length of Power line: 0.051 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXIV
- (b) Length of parallelism: As per Annexure-CXXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXIV

Annexure CXXIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 27 (Length: 0.051 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CI**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 28 (Length: 0.037 kms)** particulars of which are given in Annexure CXXV.

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 CXXVI.

Annexure CXXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 28 (Length: 0.037 kms)
- (d) Length of Power line: 0.037 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXVI
- (b) Length of parallelism: As per Annexure-CXXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXVI

Annexure CXXVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 28 (Length: 0.037 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CJ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 29 (Length: 0.041 kms)** particulars of which are given in Annexure CXXVII.

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 CXXVIII.

Annexure CXXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 29 (Length: 0.041 kms)
- (d) Length of Power line: 0.041 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXVIII
- (b) Length of parallelism: As per Annexure-CXXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXVIII

Annexure CXXVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 29 (Length: 0.041 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CK**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 30 (Length: 0.055 kms)** particulars of which are given in Annexure CXXIX.

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 CXXX.

Annexure CXXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 30 (Length: 0.055 kms)
- (d) Length of Power line: 0.055 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXX
- (b) Length of parallelism: As per Annexure-CXXX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXX

Annexure CXXX

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 30 (Length: 0.055 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CL**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 31 (Length: 0.057 kms)** particulars of which are given in Annexure CXXXI.

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 CXXXII.

Annexure CXXXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 31 (Length: 0.057 kms)
- (d) Length of Power line: 0.057 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXXII
- (b) Length of parallelism: As per Annexure-CXXXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXXII

Annexure CXXXII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 31 (Length: 0.057 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CM**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 32 (Length: 0.046 kms)** particulars of which are given in Annexure CXXXIII.

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 CXXXIV.

Annexure CXXXIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 32 (Length: 0.046 kms)
- (d) Length of Power line: 0.046 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXXIV
- (b) Length of parallelism: As per Annexure-CXXXIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXXIV

Annexure CXXXIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 32 (Length: 0.046 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CN**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 33 (Length: 0.035 kms)** particulars of which are given in Annexure CXXXV.

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 CXXXVI.

Annexure CXXXV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 33 (Length: 0.035 kms)
- (d) Length of Power line: 0.035 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXXVI
- (b) Length of parallelism: As per Annexure-CXXXVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXXVI

Annexure CXXXVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 33 (Length: 0.035 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CO**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 34 (Length: 0.049 kms)** particulars of which are given in Annexure CXXXVII.

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 CXXXVIII.

Annexure CXXXVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 34 (Length: 0.049 kms)
- (d) Length of Power line: 0.049 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXXXVIII
- (b) Length of parallelism: As per Annexure-CXXXVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXXXVIII

Annexure CXXXVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 34 (Length: 0.049 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CP**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 35 (Length: 0.065 kms)** particulars of which are given in Annexure CXXXIX.

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 CXXXX.

Annexure CXXXIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 35 (Length: 0.065 kms)
- (d) Length of Power line: 0.065 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXL
- (b) Length of parallelism: As per Annexure-CXL
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXL

Annexure CXL

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 35 (Length: 0.065 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CQ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 36 (Length: 0.062 kms)** particulars of which are given in Annexure CXLI.

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 CXLII.

Annexure CXLI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 36 (Length: 0.062 kms)
- (d) Length of Power line: 0.062 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXLII
- (b) Length of parallelism: As per Annexure-CXLII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXLII

Annexure CXLII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 36 (Length: 0.062 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CR**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 37 (Length: 0.05 kms)** particulars of which are given in Annexure CXLIII.

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 CXLIV.

Annexure CXLIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 37 (Length: 0.05 kms)
- (d) Length of Power line: 0.05 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXLIV
- (b) Length of parallelism: As per Annexure-CXLIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXLIV

Annexure CXLIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 37 (Length: 0.05 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CS**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 38 (Length: 0.038 kms)** particulars of which are given in Annexure CXLV.

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 CXLVI.

Annexure CXLV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 38 (Length: 0.038 kms)
- (d) Length of Power line: 0.038 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXLVI
- (b) Length of parallelism: As per Annexure-CXLVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXLVI

Annexure CXLVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 38 (Length: 0.038 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CT**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 39 (Length: 0.044 kms)** particulars of which are given in Annexure CXLVII.

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 CXLVIII.

Annexure CXLVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 39 (Length: 0.044 kms)
- (d) Length of Power line: 0.044 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CXLVIII
- (b) Length of parallelism: As per Annexure-CXLVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CXLVIII

Annexure CXLVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 39 (Length: 0.044 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CU**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 40 (Length: 0.058 kms)** particulars of which are given in Annexure CXLIX.

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 CXLX.

Annexure CXLIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 40 (Length: 0.058 kms)
- (d) Length of Power line: 0.058 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CL
- (b) Length of parallelism: As per Annexure-CL
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CL

Annexure CL

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS Feeder 40 (Length: 0.058 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CV**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 1 (Length: 0.14 kms)** particulars of which are given in Annexure CLI.

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 CLII.

Annexure CLI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 1 (Length: 0.14 kms)
- (d) Length of Power line: 0.14 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CLII
- (b) Length of parallelism: As per Annexure-CLII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CLII

Annexure CLII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 1 (Length: 0.14 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CW**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 2 (Length: 0.16 kms)** particulars of which are given in Annexure CLIII.

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 CLIV.

Annexure CLIII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 2 (Length: 0.16 kms)
- (d) Length of Power line: 0.16 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CLIV
- (b) Length of parallelism: As per Annexure-CLIV
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CLIV

Annexure CLIV

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 2 (Length: 0.16 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CX**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 3 (Length: 0.155 kms)** particulars of which are given in Annexure CLV.

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 CLVI.

Annexure CLV

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 3 (Length: 0.155 kms)
- (d) Length of Power line: 0.155 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CLVI
- (b) Length of parallelism: As per Annexure-CLVI
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CLVI

Annexure CLVI

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 3 (Length: 0.155 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CY**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 4 (Length: 0.16 kms)** particulars of which are given in Annexure CLVII.

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 CLVIII.

Annexure CLVII

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 4 (Length: 0.16 kms)
- (d) Length of Power line: 0.16 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CLVIII
- (b) Length of parallelism: As per Annexure-CLVIII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CLVIII

Annexure CLVIII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 4 (Length: 0.16 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-CZ**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 5 (Length: 0.185 kms)** particulars of which are given in Annexure CLIX.

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 CLX.

Annexure CLIX

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 5 (Length: 0.185 kms)
- (d) Length of Power line: 0.185 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CLX
- (b) Length of parallelism: As per Annexure-CLX
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CLX

Annexure CLX

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 5 (Length: 0.185 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.

CEA Case No.: RAJ-969-DA**Provisional Approval for the Route of Extra High Tension (EHT)/ High Tension (HT) Power Line / Telecommunication Line**

Provisional Approval of the Central Level Power & Telecommunication Co-ordination Committee is hereby conveyed having a validity of 60 days from the date of issuance for **33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 6(Length: 0.175 kms)** particulars of which are given in Annexure CLXI.

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 CLXII.

Annexure CLXI

1

- (a) Name of the Power Supply authority seeking approval M/s Juniper Green Stellar Pvt. Ltd
- (b) Reference number & date: JGSTPL/CEA/2025-26/008 dated 24.12.2025
E-mail dated 21.01.2026
E-mail dated 10.02.2026
- (c) Name of the Power line 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 6(Length: 0.175 kms)
- (d) Length of Power line: 0.175 kms
- (e) Operating Voltage 33 kV
- (f) Number of circuits 1

2

- (a) Names of parallel telecom lines: As per Annexure-CLXII
- (b) Length of parallelism: As per Annexure-CLXII
- 3 Average value of earth resistivity in the region: 15000 ohm-cms
- 4 Whether LF test necessary: No
- 5 Special conditions subject to which this certificate will be effective As per Annexure-CLXII

Annexure CLXII

Name of the Power Line: 33 kV UG Feeder cable for 360 MWh BESS Project of M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer from PSS to BESS AUX Feeder 6(Length: 0.175 kms)

1. BSNL Telecom Details:

DET, PTCC (BSNL) vide letter DE/PTCC/NZ/BSNL-TD/DV-10667/Raj-1678/2025-26 dated 20.01.2026 has stated non-existence of any cable within the 05 km periphery of the route. Thus, BSNL letter is taken as deemed NOC.

2. Railway Telecom Details:

Deputy CSTE, North Western Railway vide letter SG/158/NWR/PTCC/1312 dated 19.01.2026 has given their NOC for charging of the line.

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 M/s Juniper Green Stellar Pvt. Ltd. At Shiv Village, Barmer	93.74	20	0.637	2684	1744	77	26

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.